

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

08/19/2011

Abigail Holland
Assistant District Attorney, Suffolk County

Dear ADA Holland,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED] Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan, Della Saunders, Daniel Renczkowski and Kate Corbett.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED] & [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan and Della Saunders were the custodial chemist and performed the preliminary testing and net weight for this sample. Kate Corbett and Daniel Renczkowski were the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Annie Dookhan
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

*Oversee the Quality Control/Quality Assurance program for the Drug Lab.

*Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP training with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS trainings with Agilent Technologies and Restek.

HPLC and LC/MS/MS trainings with Waters Cooperation.

FTIR training with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Kate A. Corbett

Education

Bachelor of Science Degree, CHEMISTRY May 2003

MERRIMACK COLLEGE

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

Employment

Chemist II State Laboratory Institute (March 2008-Present)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

Chemist I State Laboratory Institute (2005-March 2008)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

Research Associate (September 2003 – August 2005)

SENSOR TECHNOLOGIES, INC - Shrewsbury, MA

- Prepared chemistries used in making sensor beads
- Generated and examined sensors employing fluorescence spectroscopy
- Performed protein, dye and sugar assays using UV/VIS spectrophotometry
- Carried out titrations on ricin using fluorescence correlation spectroscopy
- Statistical analysis of experimental data

Intern (March 2003 – August 2003)

MASSACHUSETTS STATE POLICE CRIME LABORATORY - Sudbury, MA

- Assisted in the gathering of case files to fulfill the National Institute of Justice's No Suspect Backlog Reduction Grant
- Observed in the Evidence, Criminalistics, DNA, Drug, Trace, Toxicology, and Bomb/Arson Units

Curriculum Vitae

Daniel Renczkowski

Education

Degree: Bachelors of Science in Forensic Chemistry,
May 2005 from Buffalo State College
GPA: 3.84, Dean's List, Honor's Recognition
American Chemical Society Undergraduate Award
Phi Lambda Upsilon Membership

Related Coursework:	Analytical Chemistry	Physical Chemistry
	Organic Chemistry I and II	Instrumental Chemistry
	Biochemistry	Forensics Laboratory
	Chemistry of Criminalistics	Physical Evidence
	Anatomy	Physiology

Employment

Massachusetts Department of Public Health Drug Analysis Laboratory

Chemist I (October 2005 – March 2008)

Chemist II (March 2008 – present)

- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff
- Successfully completed GC/MS training program
- Responsible for the identification of substances to determine violation of the Controlled Substances Act of the Massachusetts General Laws
- Responsible for maintenance and repairs of analytical instruments
- Responsible for quality control of analytical instruments and standards

Related Experience

Niagara County Forensics Laboratory

Forensic Internship, January 2005

- Conducted research on the presumptive testing of saliva
- Conducted research on the identification and detection of lubricants
- Observed all aspects of the laboratory including drug analysis, firearms comparison, trace evidence, arson investigation, toxicology, and serology
- Daily use of FTIR microscope and DuraSamplerII
- Familiarized with GC/MS programs

Curriculum Vitae

Della Saunders

Education:

Boston University Boston, MA. Bachelors of Arts in Chemistry 1982

Experience:

1985-present: Currently Chemist III Massachusetts Department of Public Health Drug Analysis Laboratory at State Laboratory Institute Boston, MA. Responsible for analyzing unknown substances submitted by Massachusetts law enforcement agencies; operating, maintaining, and interpreting data from analytical equipment (analytical balance, microscope, gas chromatogram, ultraviolet spectrometer, infrared spectrometer, gas chromatogram/mass spectrometer); training junior level chemists; providing expert testimony to local, state, and federal courts in the Commonwealth of Massachusetts.

1984-1985: Laboratory Technician in the Media Laboratory at State Laboratory Institute Boston, MA. Responsible for making chemical reagents and media plates; operating and maintaining laboratory equipment (autoclave, pH meter, ultra-violet hood), and collecting safety data for laboratory protocols.

Training:

1985: Six week training with Senior Staff at Massachusetts Department of Public Health (MDPH) Drug Analysis Laboratory Boston, MA. Appointed Assistant Analyst MDPH

1987: One week training course in drug analysis given by the Federal Drug Enforcement Agency (DEA) McLean, VA.

1992: Training in Gas Chromatograph/Mass Spectroscopy (GC/MS) Hewlett Packard (Agilent)

1996: Training in Fourier Transform Infra-Red Spectroscopy ETA (Analect)

2001: Expert Witness Workshop National Laboratory Training network Quality Assurance/Quality Control Training (MDPH)

2002: Techniques of Supervision Training (MDPH)

1999: Notary Public Commonwealth of Massachusetts



CC #

BOOK #

PAGE #

DESTRUCTION #

District/Unit

Name & Rank of Arresting Officer

ID#

To be completed by ECU personnel only

Name and Rank of Submitting Officer

ID#

Received by

Date _____

ECU Control #

DRUG RECEIPT

CC #

BOOK #

PAGE #

DESTRUCTION #

District/Unit

Name & Rank of Arresting Officer

ID#

DEFENDANT'S NAME

ADDRESS

CITY

STATE

DESCRIPTION OF ITEMS SUBMITTED

GROSS
QUANTITYGROSS
WEIGHT

LAB USE ONLY

ANALYSIS
NUMBER

CRACK COCAINE

1 P/B 4.26g

To be completed by ECU personnel only

Name and Rank of Submitting Officer

ID#

Received by

Date

ECU Control #



BOOK #

PAGE #

DESTRUCTION #

District/Unit

Name & Rank of Arresting Officer Sgt. Det. Keenan

ID# 10652

To be completed by ECU personnel only

Name and Rank of Submitting Officer

ID#

Received by

Date _____

ECU Control #

DRUG RECEIPT

CC #

BOOK #

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PAGE #

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DESTRUCTION #

District/Unit

D-4 DCU

Name & Rank of Arresting Officer

P.O. Rodrigues

ID#

96692

DEFENDANT'S NAME

ADDRESS

CITY

STATE

Dorchester

MA

DESCRIPTION OF ITEMS SUBMITTED

GROSS
QUANTITYGROSS
WEIGHT

LAB USE ONLY

ANALYSIS
NUMBER

Class "B" Crack Cocaine

3 P/B's

2.32g

To be completed by ECU personnel only

Name and Rank of Submitting Officer

Sybil White

ID#

11064

Received by

CLO

Date

10-3-10

ECU Control #

No. [REDACTED]
City: Boston D.C.U. Police Dept.
Officer: P.O. MARGARET WAGGETT
Def: [REDACTED]

Date Analyzed:

11-4-10

Amount:

Subst: SUB

No. Cont: 2 Cont: pb

Date Rec'd: 08/04/2010

No. Analyzed: 1

Gross Wt.: 5.58

Net Weight: 0.12

Tests: 6 ASD

• 2 DSR

Prelim: Cocaine (10)

Findings:

Cocaine

No. [REDACTED] Date Analyzed: 11-4-10
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]
Amount: Subst: SUB
No. Cont: 1 Cont: pb
Date Rec'd: 08/11/2010 No. Analyzed:
Gross Wt.: 4.26 Net Weight: 0.09
Tests: 6 ASD
• 2DJR
Prelim: Cocaine @ Findings: Cocaine

No. [REDACTED]
City: Boston D.C.U. Police Dept.
Officer: P.O. Diana Lopez
Def: [REDACTED]

Date Analyzed:

11/22/10

Amount:

Subst: SUB

No. Cont: 2 Cont: pb

Date Rec'd: 09/01/2010

No. Analyzed: 1

Gross Wt.: 2.21

Net Weight: 0.13

Tests: 6 ASD

• 2CAC

Prelim: cocaine (C)

Findings:

Cocaine

No. [REDACTED]
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]

Date Analyzed: 01-25-11

Amount:

Subst: SUB

No. Cont: 3 Cont: pb

Date Rec'd: 11/03/2010

No. Analyzed: /

Gross Wt.: 2.32

Net Weight: 0.13g

Tests: 7

(K) Prelim: cocaine

*2ASD
Findings: cocaine

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST ASJ

No. of samples tested:

Evidence Wt.

PHYSICAL DESCRIPTION:

off white chunky substance
in 2 pbs

Gross Wt (2): 0.4508

Gross Wt (1): 0.2489

Pkg. Wt:

Net Wt: 0.1223

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (-) +

Marquis -

Froehde's -

Mecke's -

Microcrystalline Tests

Gold
Chloride +

TLTA (-) +

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS cocaine

DATE 11-01-10

GC/MS CONFIRMATORY TEST

RESULTS cocaine

MS
OPERATOR DSR

DATE 11-4-10

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST ASJ

No. of samples tested:

Evidence Wt.

PHYSICAL DESCRIPTION:

off white chunky substance
17-pb

Gross Wt (): 0.1478

Gross Wt ():

Pkg. Wt:

Net Wt: 0.0958

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (-) +

Marquis -

Froehde's -

Mecke's -

Microcrystalline Tests

Gold
Chloride +

TLTA (++)

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS cocaine

DATE 11-01-10

GC/MS CONFIRMATORY TEST

RESULTS cocaine

MS
OPERATOR DSR

DATE 11-11-10

SAMPLE # _____ AGENCY Boston ANALYST AM

No. of samples tested: _____ Evidence Wt. _____

Gross Wt (2): 0.4742

off white chunky substance
17 2 ps.

Gross Wt (): 0.2541

Pkg. Wt: _____

Net Wt: 0.1311

Spot Tests

Cobalt Thiocyanate (-) ~~+~~

Marquis

Froehde's —

Mecke's ✓

Microcrystalline Tests

Gold
Chloride +

TLTA (-) +

OTHER TESTS

GC/MS CONFIRMATORY TEST

RESULTS no case

DATE 11-16-10

RESULTS Cocaine

MS
OPERATOR 1506

DATE 11-22-10

DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY

Boston DCU

ANALYST

ASD

No. of samples tested: 1

Balance OK 1/21/11
Mettler 1117461634

Evidence Wt.

2.3050g

PHYSICAL DESCRIPTION:

Off white chunky substance contained in three
(3) clear plastic bags contained in one clear sealed
initialed plastic bag also containing one empty plastic bag

Gross Wt (sp):

0.5632g

Gross Wt (vial):

0.9086g

Pkg. Wt:

0.0735g

Net Wt:

3.1351g

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (H⁺) +
Marquis -
Froehde's -
Mecke's -

Microcrystalline Tests

Gold
Chloride +
TLTA () +

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS cocaine
DATE 1/21/11

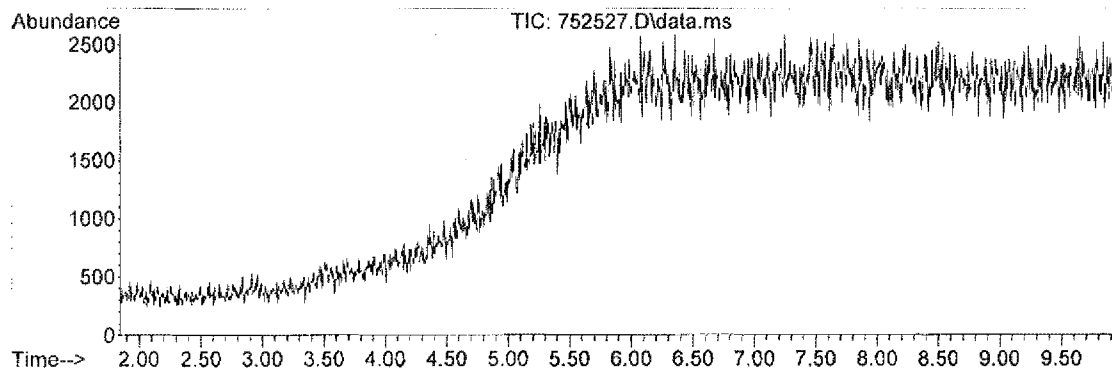
GC/MS CONFIRMATORY TEST

RESULTS cocaine
MS
OPERATOR ASD
DATE 1/25/11

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM7\11_02_10\752527.D
 Operator : ASD
 Date Acquired : 2 Nov 2010 15:45
 Sample Name : BLANK
 Submitted by :
 Vial Number : 1
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

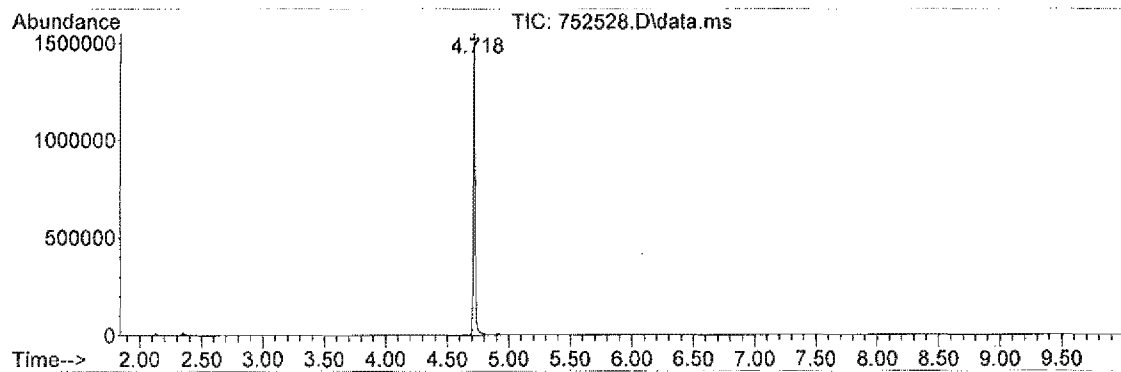


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q4-2010\SYSTEM7\11_02_10\752528.D
Operator : ASD
Date Acquired : 2 Nov 2010 15:57
Sample Name : COCAINE STD
Submitted by :
Vial Number : 28
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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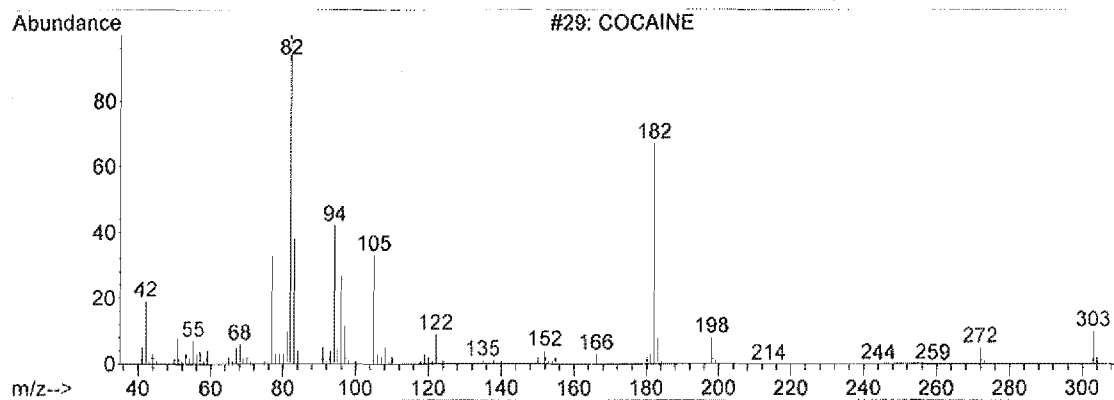
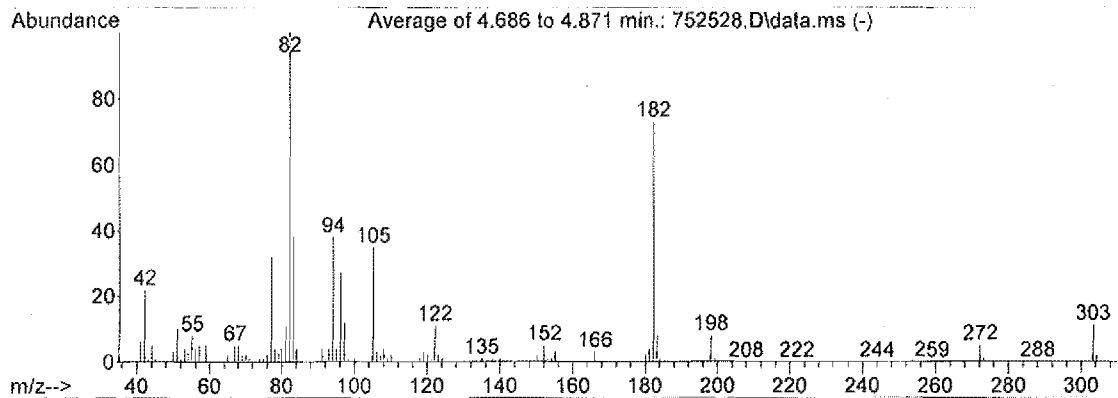
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM7\11_02_10\752528.D
Operator : ASD
Date Acquired : 2 Nov 2010 15:57
Sample Name : COCAINE STD
Submitted by :
Vial Number : 28
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

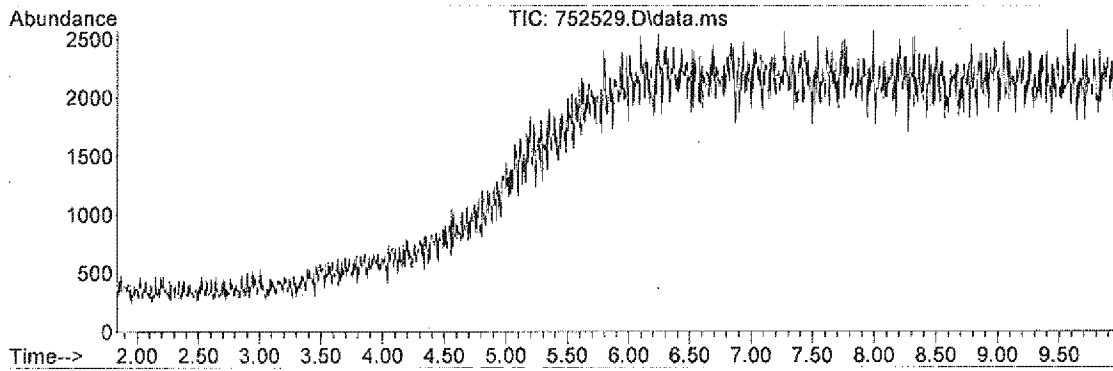
PK#	RT	Library/ID	CAS#	Qual
1	4.72	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

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Date Acquired : 2 Nov 2010 16:10
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



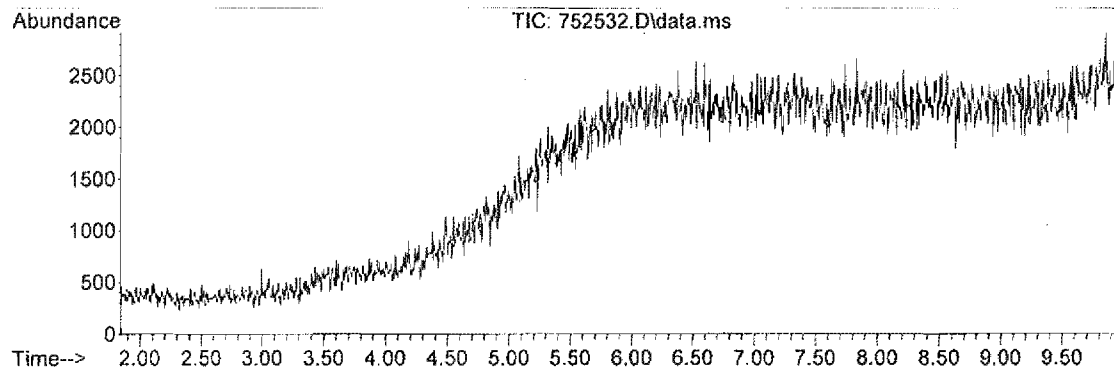
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM7\11_02_10\752532.D
 Operator : ASD
 Date Acquired : 2 Nov 2010 16:48
 Sample Name : BLANK
 Submitted by : ASD
 Vial Number : 1
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

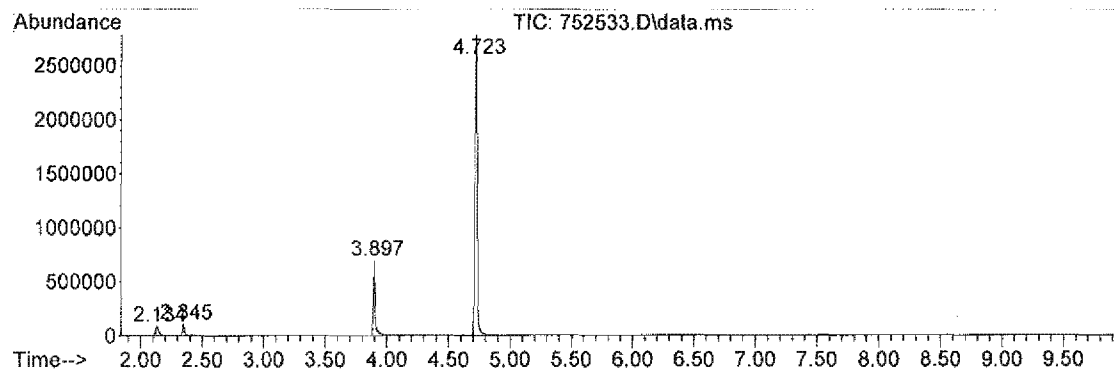


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q4-2010\SYSTEM7\11_02_10\752533.D
Operator : ASD
Date Acquired : 2 Nov 2010 17:00
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 33
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.134	147218	3.22	4.19
2.345	114421	2.50	3.25
3.897	796055	17.40	22.63
4.723	3517263	76.88	100.00

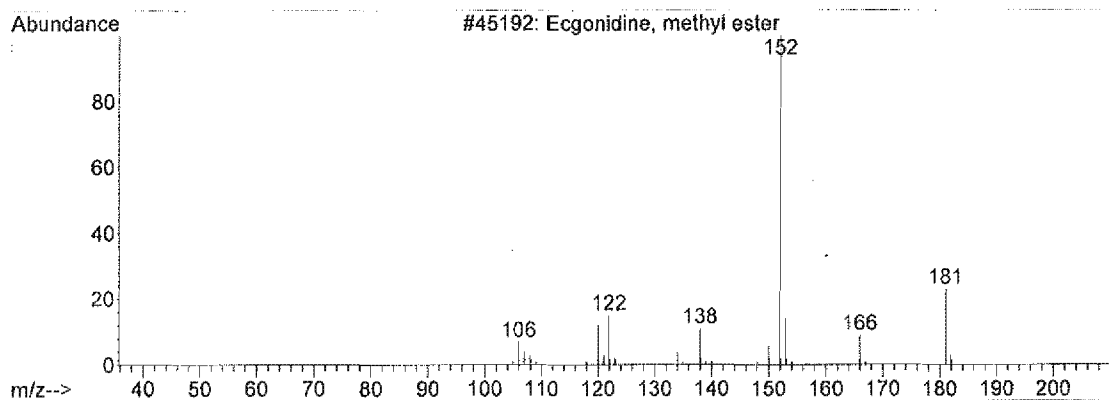
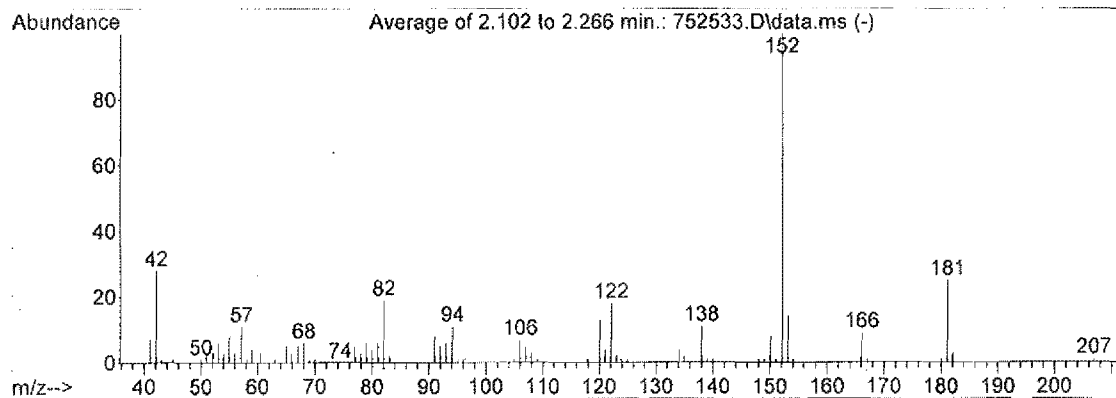
Area Percent / Library Search Report

Information from Data File:

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 Date Acquired : 2 Nov 2010 17:00
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 33
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.13	C:\Database\NIST08.L		
		Ecgonidine, methyl ester	127379-24-2	98
		2-Carbomethoxy-8-methyl-8-azabicycl	043021-26-7	97
		3,5-Dimethoxyphenethylamine	003213-28-3	47



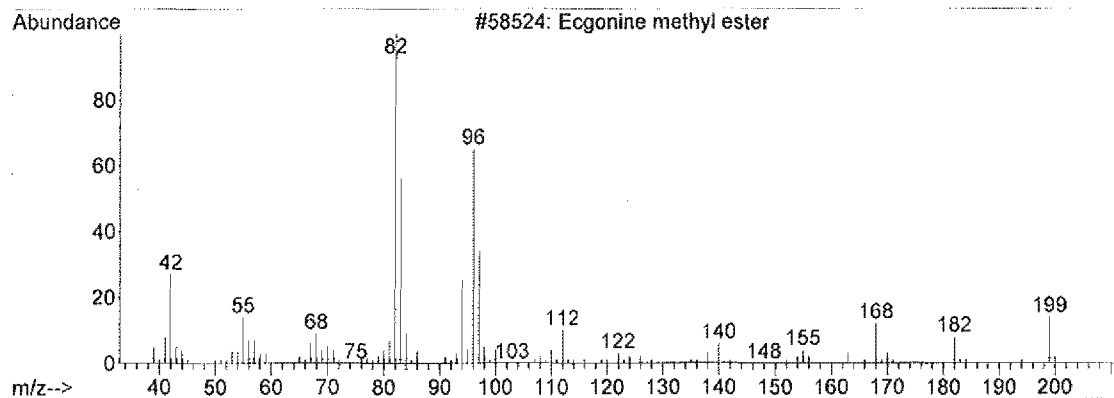
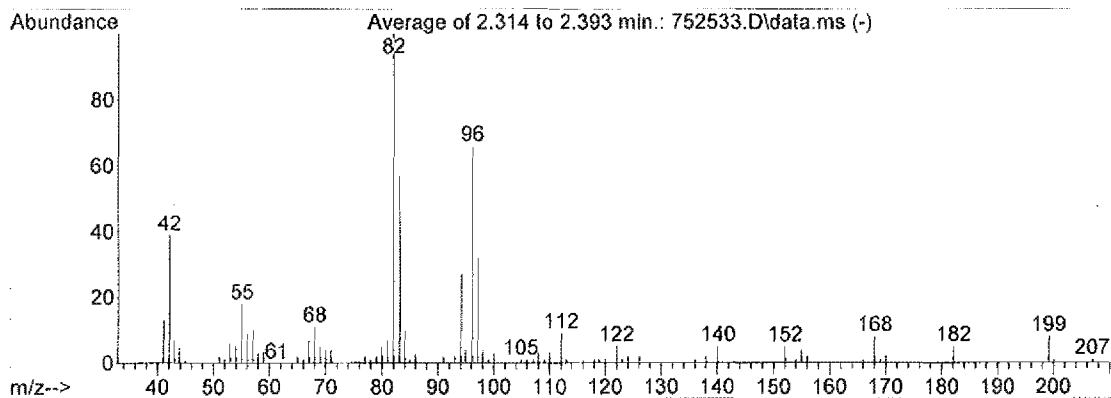
Area Percent / Library Search Report

Information from Data File:

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 Date Acquired : 2 Nov 2010 17:00
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 33
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.35	C:\Database\NIST08.L		
		Ecgonine methyl ester	106293-60-1	97
		Ecgonine methyl ester	106293-60-1	90
		Ecgonine methyl ester	106293-60-1	87



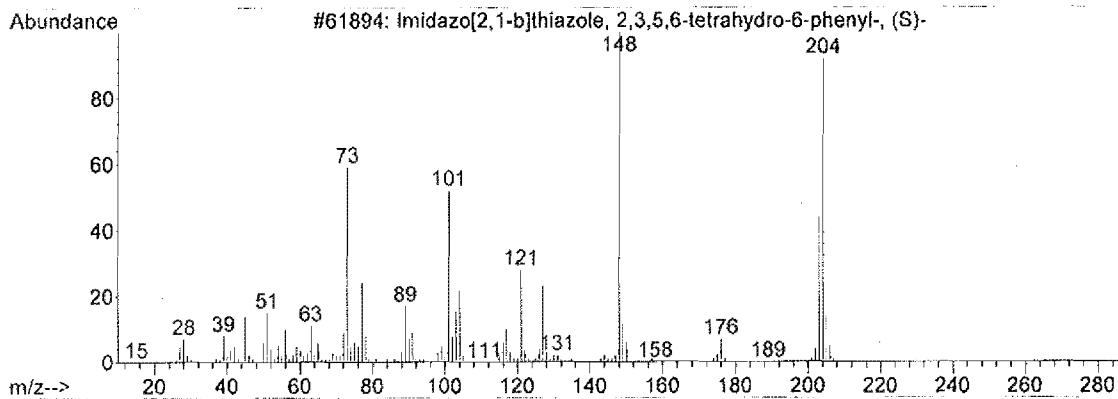
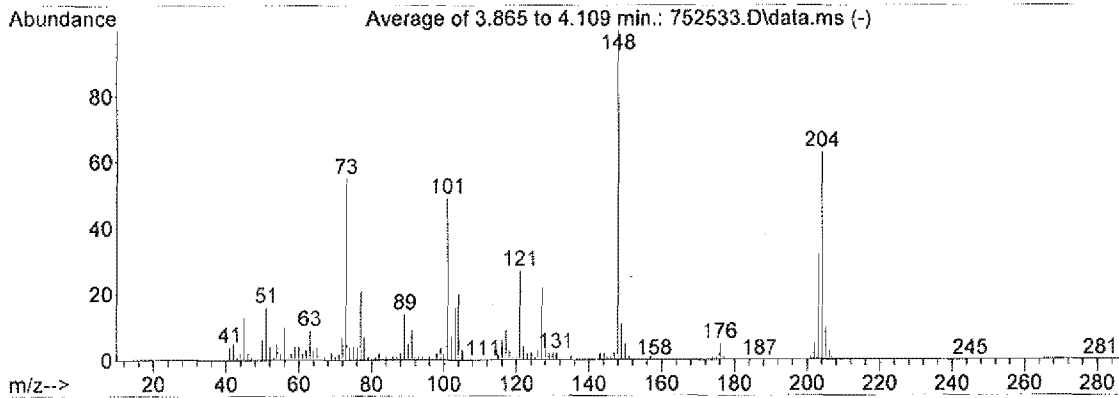
Area Percent / Library Search Report

Information from Data File:

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 Operator : ASD
 Date Acquired : 2 Nov 2010 17:00
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 33
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	3.90	C:\Database\NIST08.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	99
		Levamisole	006649-23-6	99
		Levamisole	006649-23-6	98



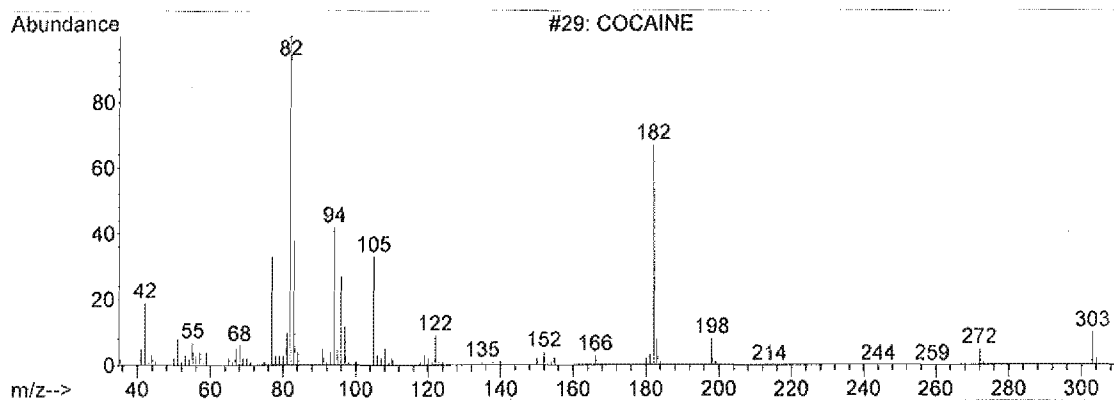
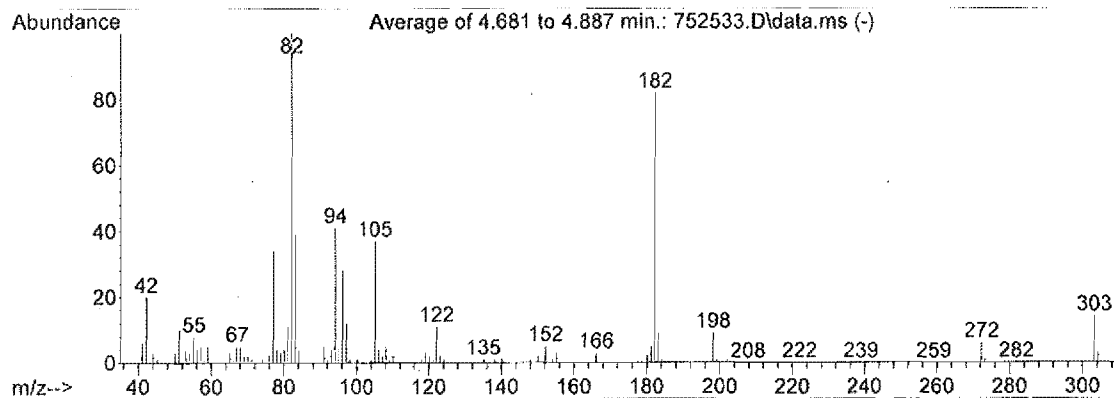
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM7\11_02_10\752533.D
 Operator : ASD
 Date Acquired : 2 Nov 2010 17:00
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 33
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

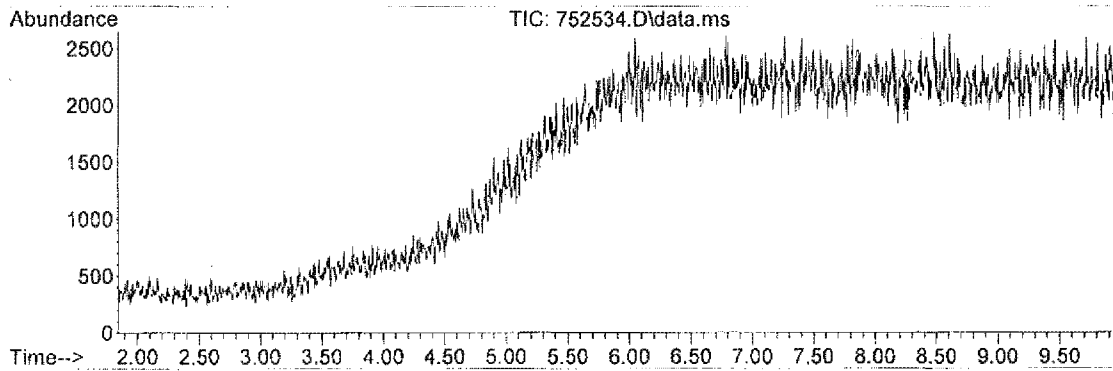
PK#	RT	Library/ID	CAS#	Qual
4	4.72	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM7\11_02_10\752534.D
Operator : ASD
Date Acquired : 2 Nov 2010 17:13
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



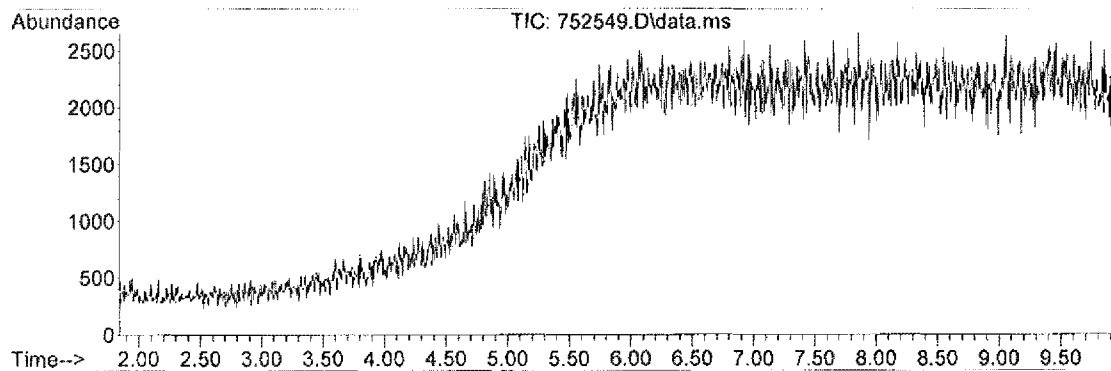
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM7\11_02_10\752549.D
Operator : ASD
Date Acquired : 2 Nov 2010 20:22
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



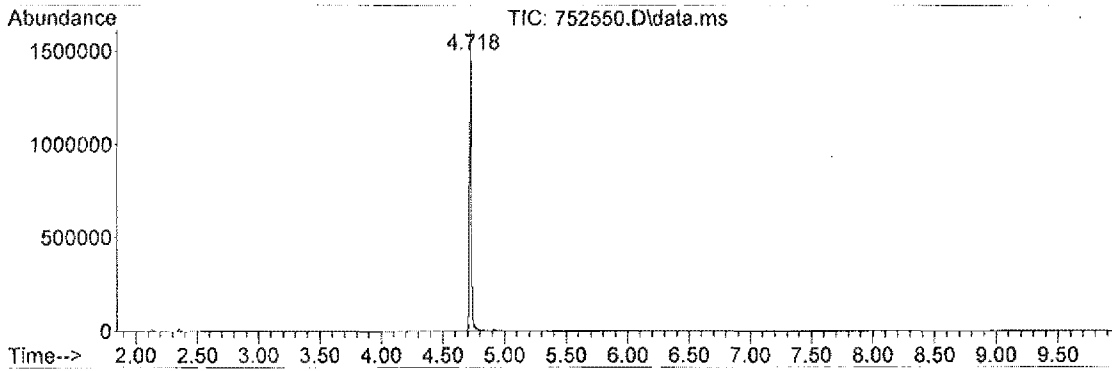
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM7\11_02_10\752550.D
Operator : ASD
Date Acquired : 2 Nov 2010 20:34
Sample Name : COCAINE STD
Submitted by :
Vial Number : 50
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.718	1686908	100.00	100.00

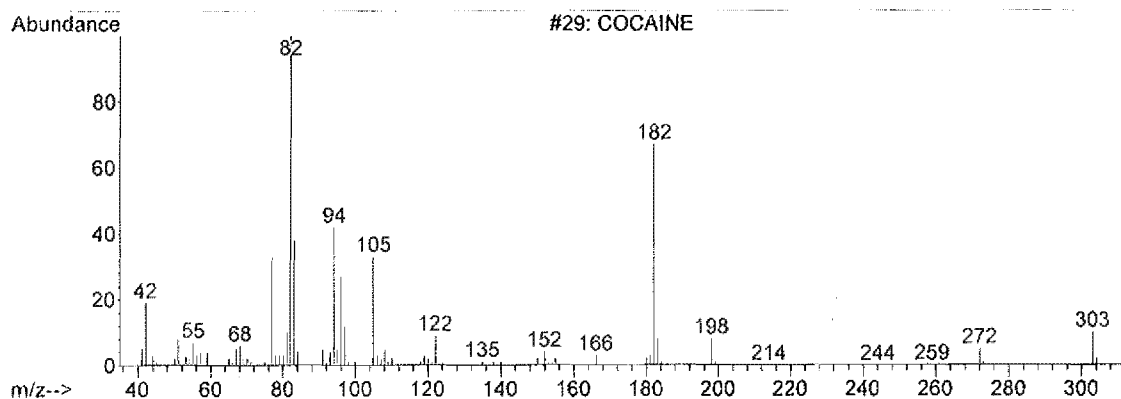
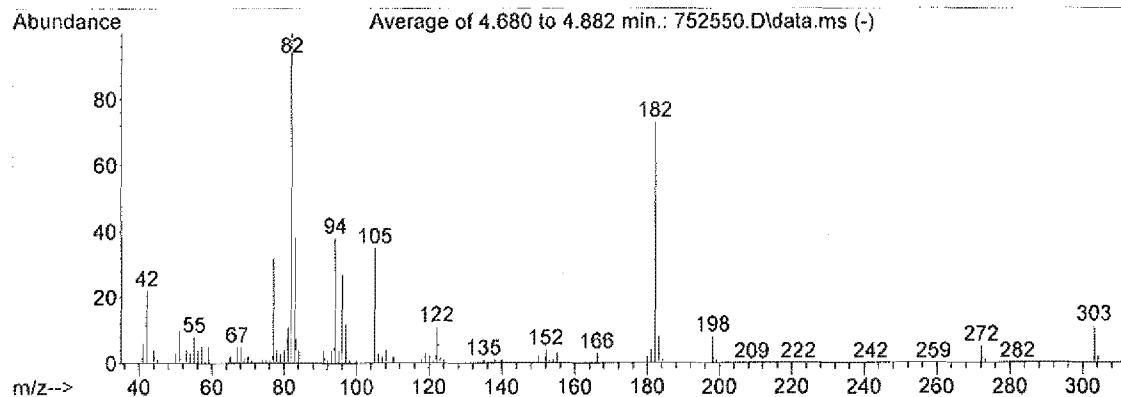
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM7\11_02_10\752550.D
Operator : ASD
Date Acquired : 2 Nov 2010 20:34
Sample Name : COCAINE STD
Submitted by :
Vial Number : 50
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

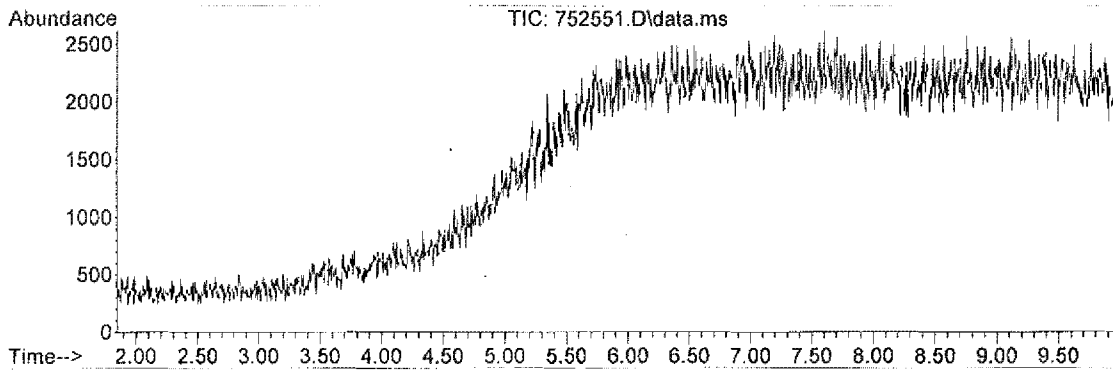
PK#	RT	Library/ID	CAS#	Qual
1	4.72	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM7\11_02_10\752551.D
Operator : ASD
Date Acquired : 2 Nov 2010 20:47
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



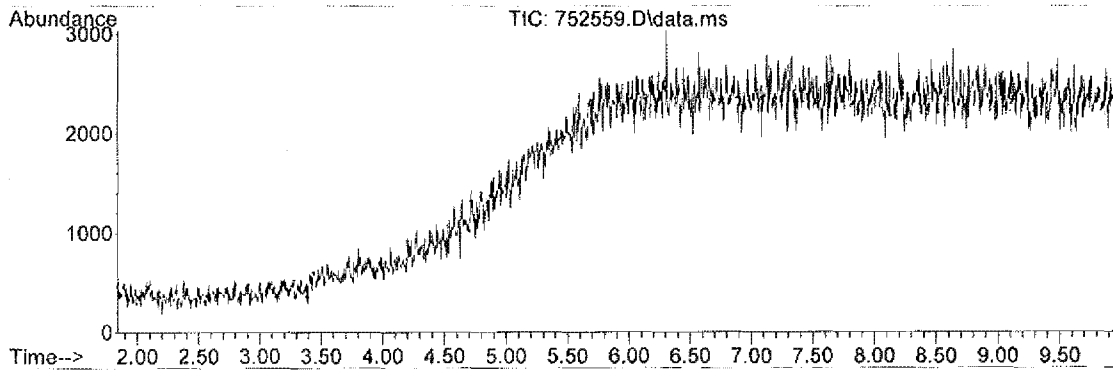
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM7\11_02_10\752559.D
Operator : ASD
Date Acquired : 2 Nov 2010 22:28
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



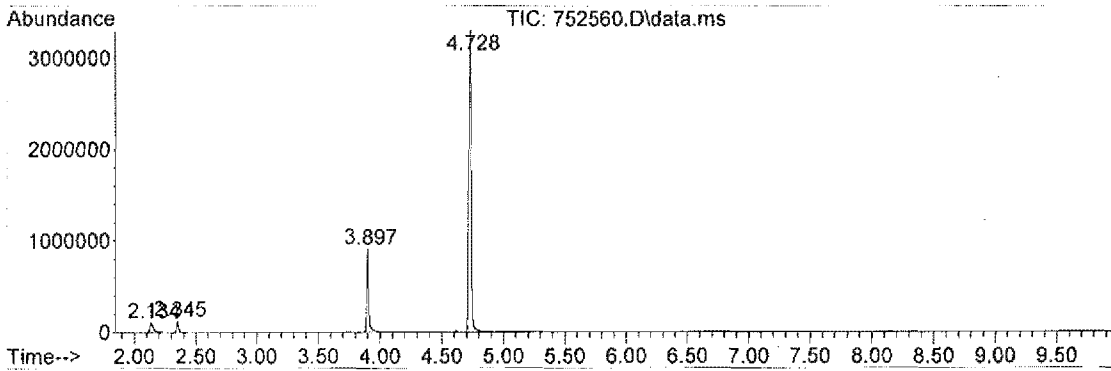
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM7\11_02_10\752560.D
 Operator : ASD
 Date Acquired : 2 Nov 2010 22:40
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 60
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.134	192999	3.37	4.40
2.345	130813	2.29	2.99
3.897	1016478	17.76	23.20
4.728	4382085	76.58	100.00

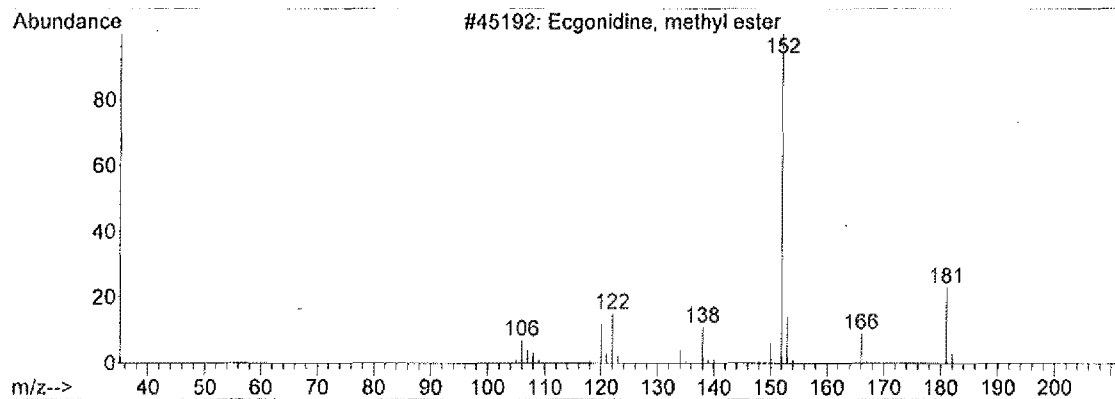
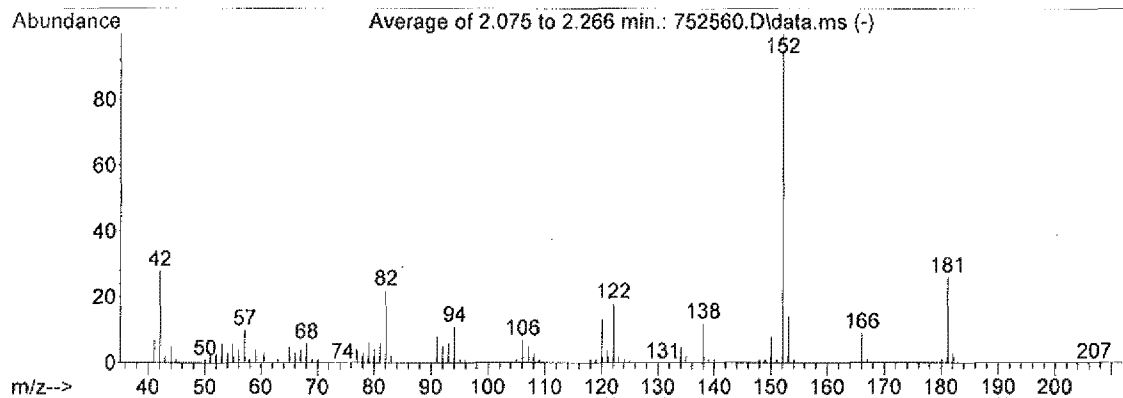
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM7\11_02_10\752560.D
Operator : ASD
Date Acquired : 2 Nov 2010 22:40
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 60
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.13	C:\Database\NIST08.L		
		Ecgonidine, methyl ester	127379-24-2	98
		2-Carbomethoxy-8-methyl-8-azabicycl	043021-26-7	97
		2(1H)-Pyridinone, 4-hydroxy-6-methy	007135-82-2	49



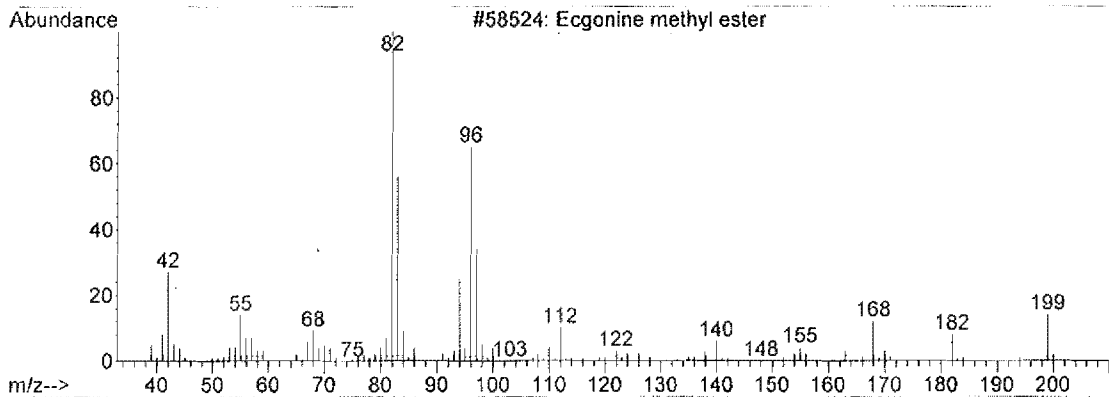
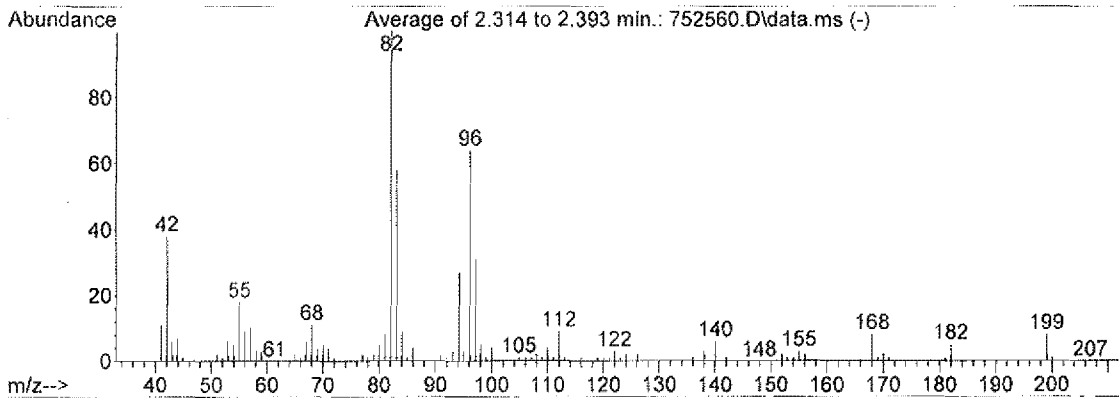
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM7\11_02_10\752560.D
 Operator : ASD
 Date Acquired : 2 Nov 2010 22:40
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 60
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.35	C:\Database\NIST08.L		
		Ecgonine methyl ester	106293-60-1	98
		Ecgonine methyl ester	106293-60-1	97
		Ecgonine methyl ester	106293-60-1	96



Information from Data File:

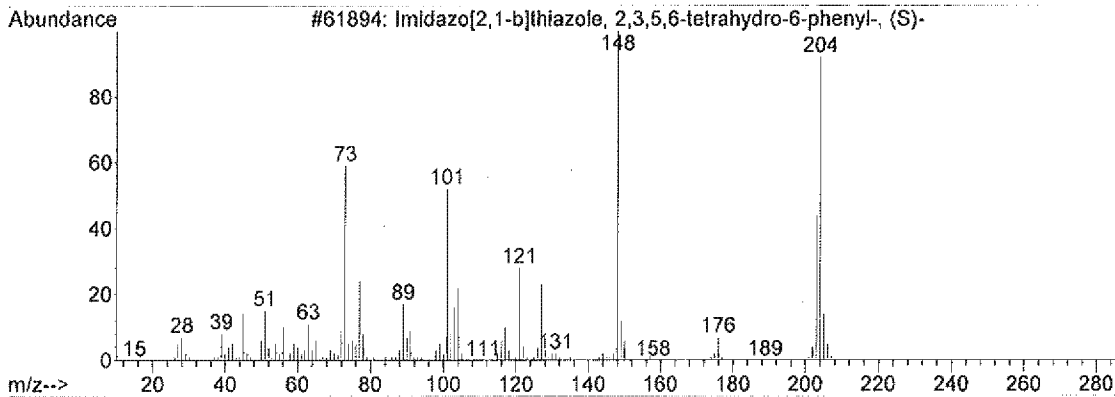
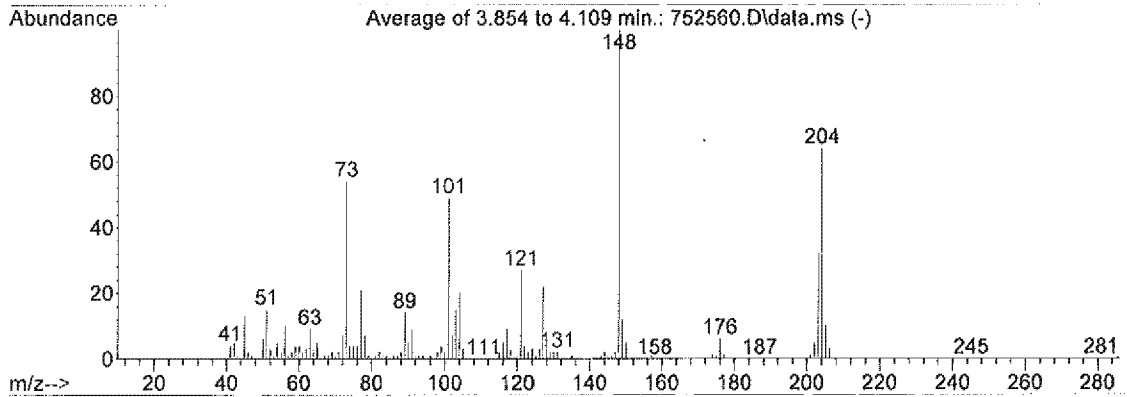
```

File Name       : F:\Q4-2010\SYSTEM7\11_02_10\752560.D
Operator        : ASD
Date Acquired   : 2 Nov 2010  22:40
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 60
AcquisitionMeth : DRUGS.M
Integrator      : RTE
    
```

```

Search Libraries: C:\Database\SLI.L           Minimum Quality: 80
                  C:\Database\NIST08.L        Minimum Quality: 80
                  C:\Database\PMW_TOX2.L
    
```

PK#	RT	Library/ID	CAS#	Qual
3	3.90	C:\Database\NIST08.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	99
		Levamisole	006649-23-6	99
		Levamisole	006649-23-6	98



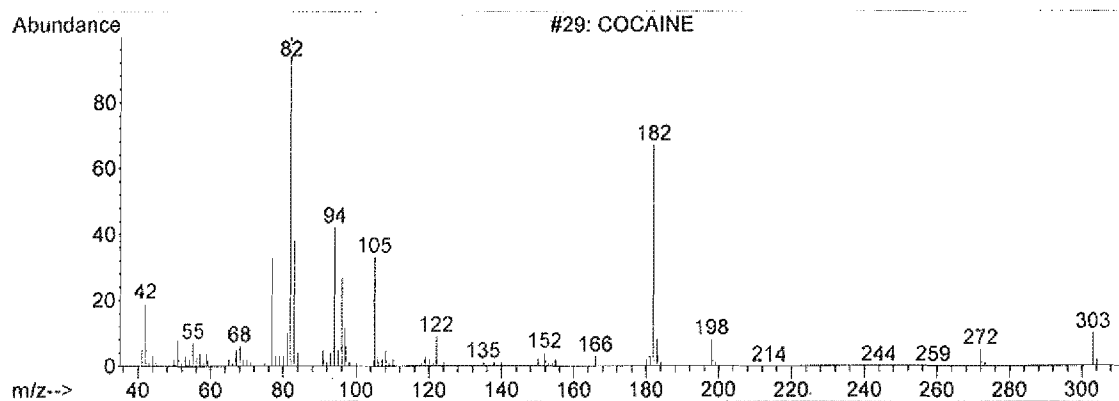
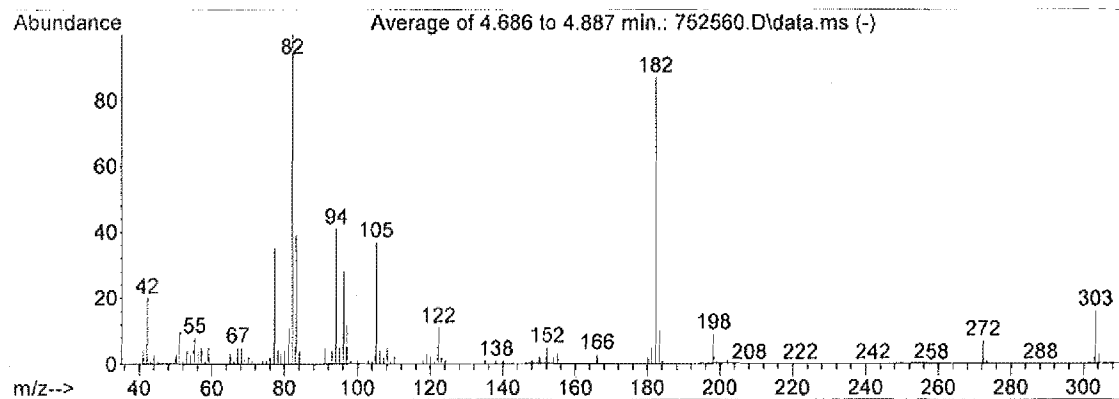
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM7\11_02_10\752560.D
Operator : ASD
Date Acquired : 2 Nov 2010 22:40
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 60
AcquisitionMeth: DRUGS.M
Integrator : RTE

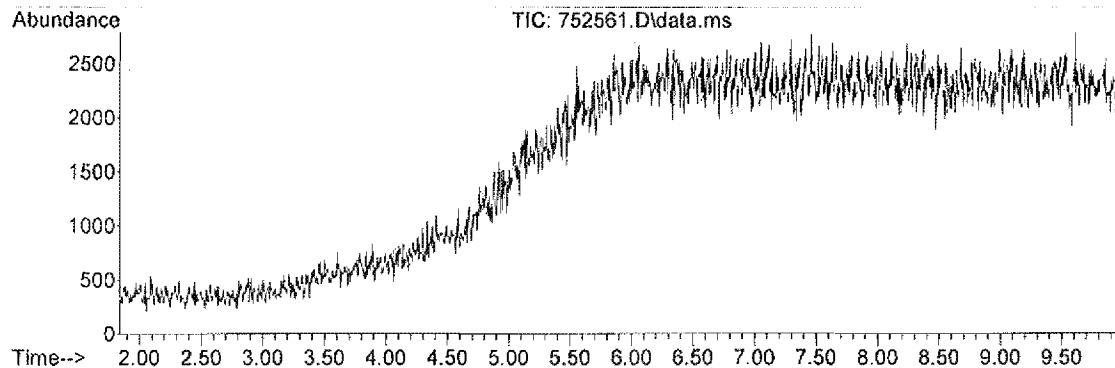
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	4.73	C:\Database\SLI.L COCAINE	000050-36-2	99



Information from Data File:

File Name : F:\Q4-2010\SYSTEM7\11_02_10\752561.D
Operator : ASD
Date Acquired : 2 Nov 2010 22:53
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

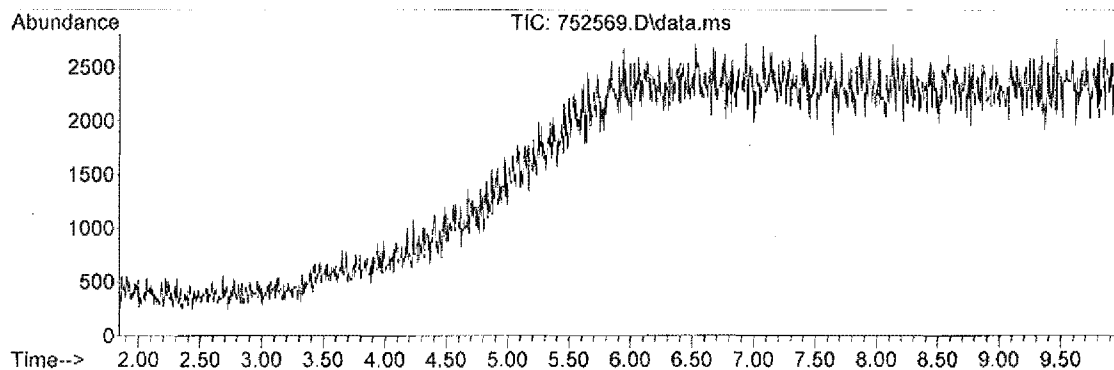


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q4-2010\SYSTEM7\11_02_10\752569.D
Operator : ASD
Date Acquired : 3 Nov 2010 00:34
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

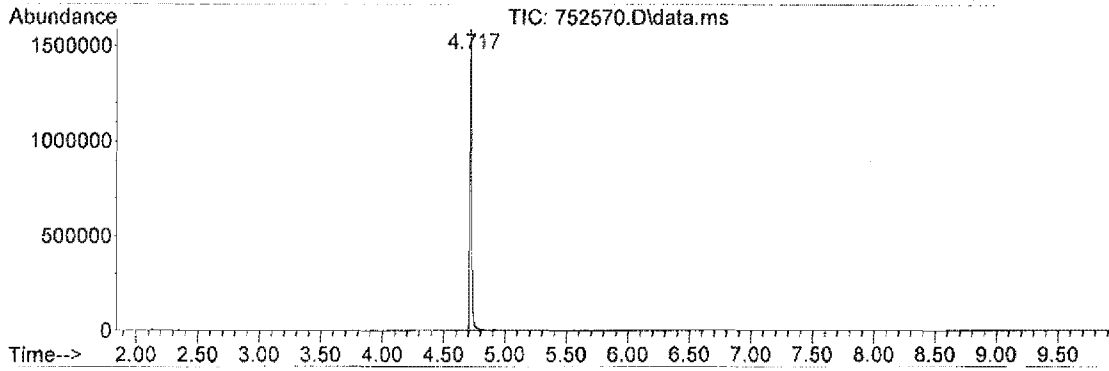


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q4-2010\SYSTEM7\11_02_10\752570.D
 Operator : ASD
 Date Acquired : 3 Nov 2010 00:46
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 70
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.717	1607462	100.00	100.00

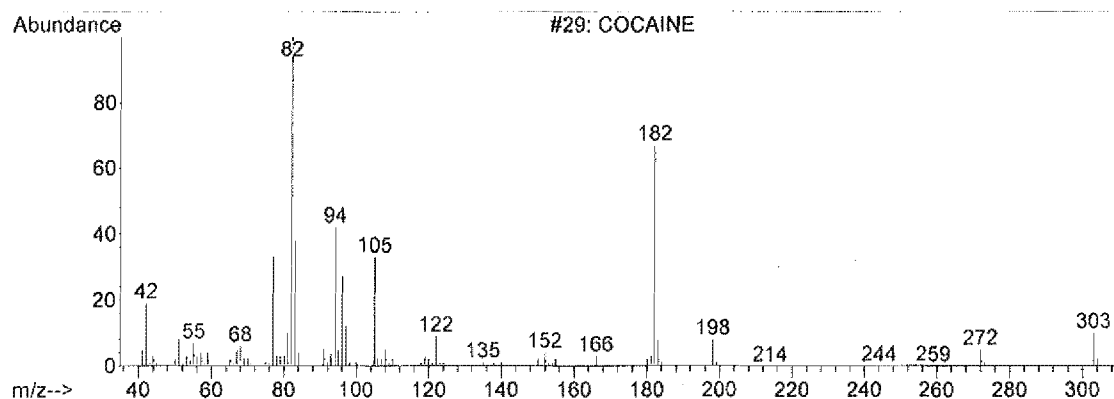
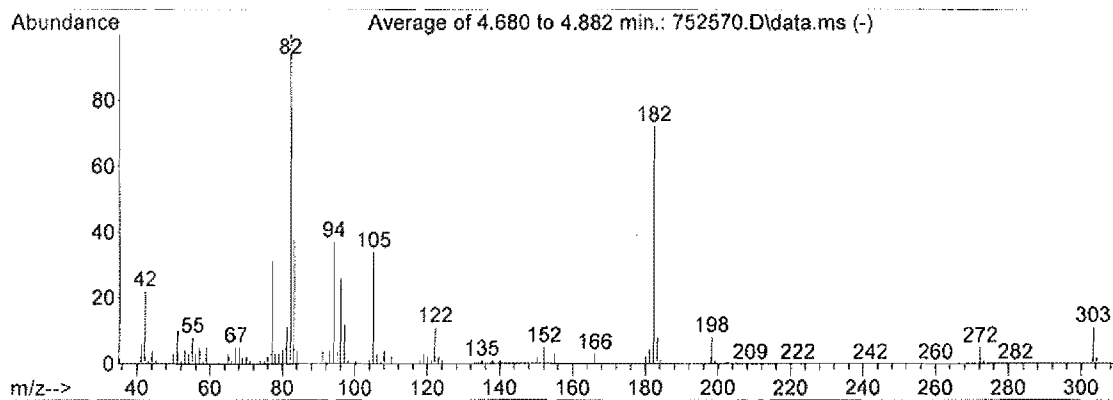
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM7\11_02_10\752570.D
 Operator : ASD
 Date Acquired : 3 Nov 2010 00:46
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 70
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

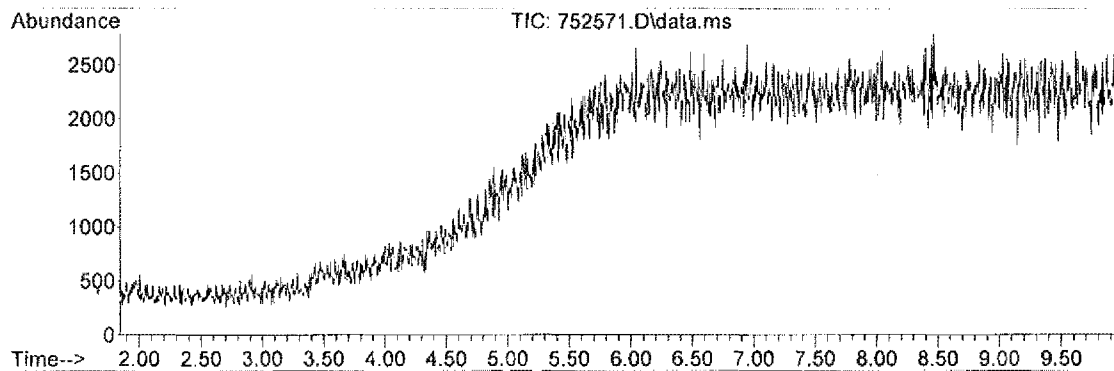
PK#	RT	Library/ID	CAS#	Qual
1	4.72	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM7\11_02_10\752571.D
 Operator : ASD
 Date Acquired : 3 Nov 2010 00:59
 Sample Name : BLANK
 Submitted by : ASD
 Vial Number : 2
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



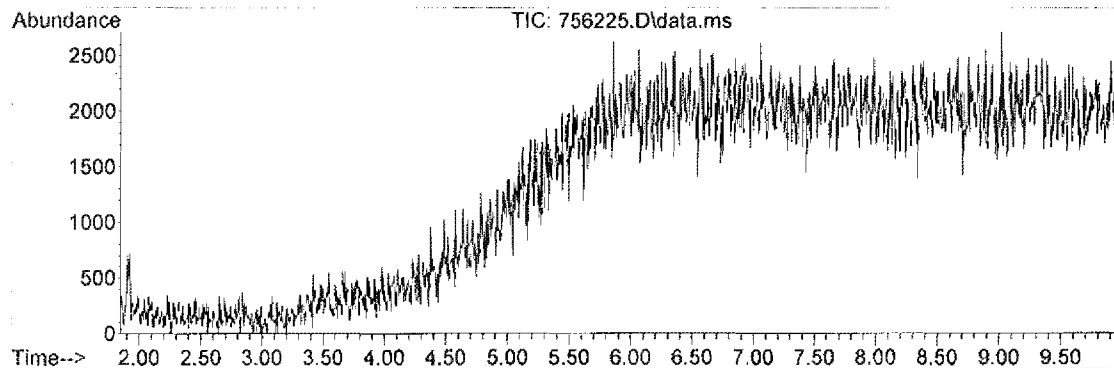
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_19_10\756225.D
Operator : ASD/KAC
Date Acquired : 19 Nov 2010 18:18
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



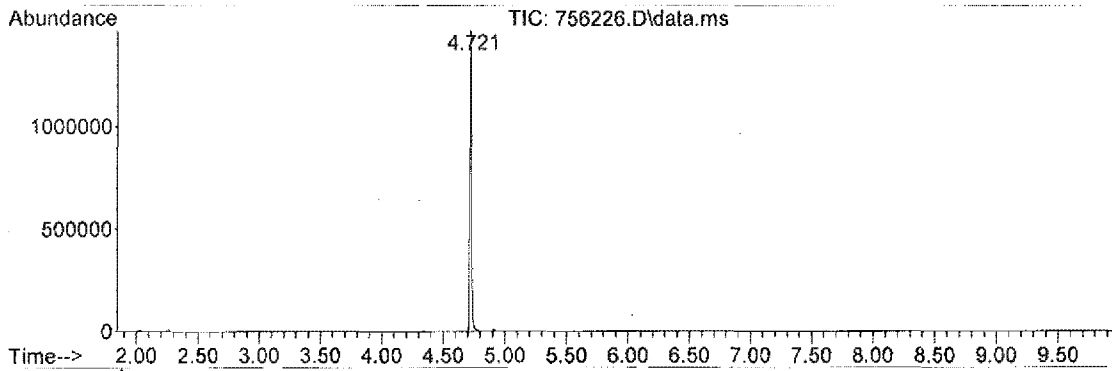
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_19_10\756226.D
 Operator : ASD/KAC
 Date Acquired : 19 Nov 2010 18:32
 Sample Name : COCAINE STD
 Submitted by : ASD
 Vial Number : 26
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.721	1450264	100.00	100.00

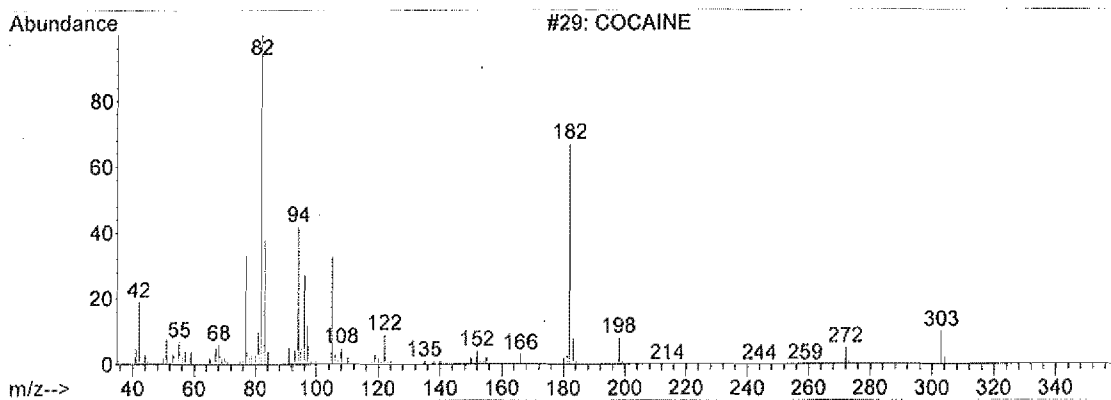
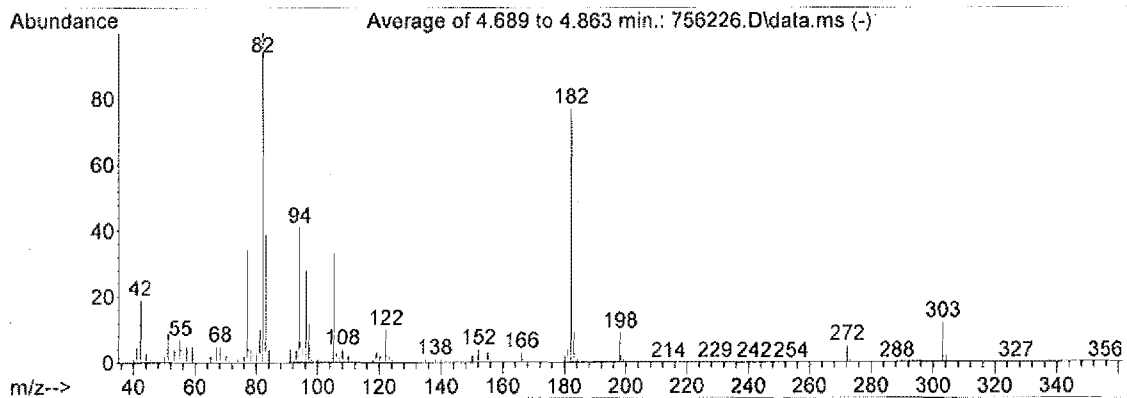
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_19_10\756226.D
 Operator : ASD/KAC
 Date Acquired : 19 Nov 2010 18:32
 Sample Name : COCAINE STD
 Submitted by : ASD
 Vial Number : 26
 AcquisitionMeth: DRUGS
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

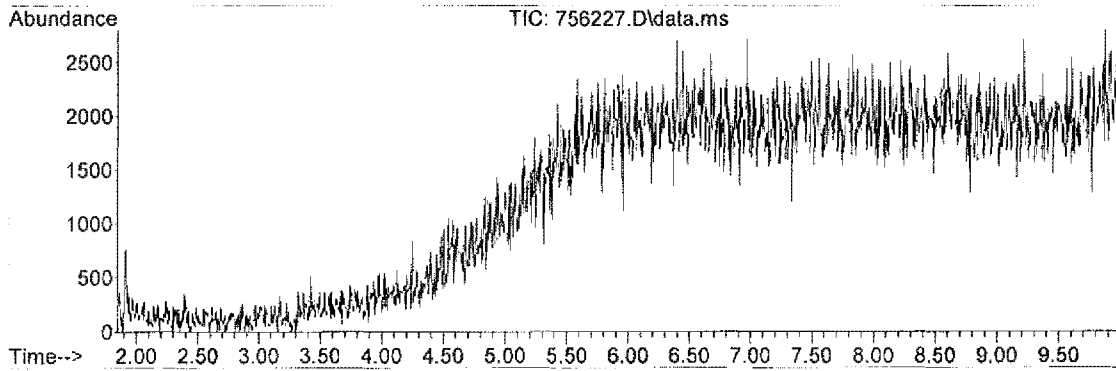
PK#	RT	Library/ID	CAS#	Qual
1	4.72	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_19_10\756227.D
Operator : ASD/KAC
Date Acquired : 19 Nov 2010 18:45
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



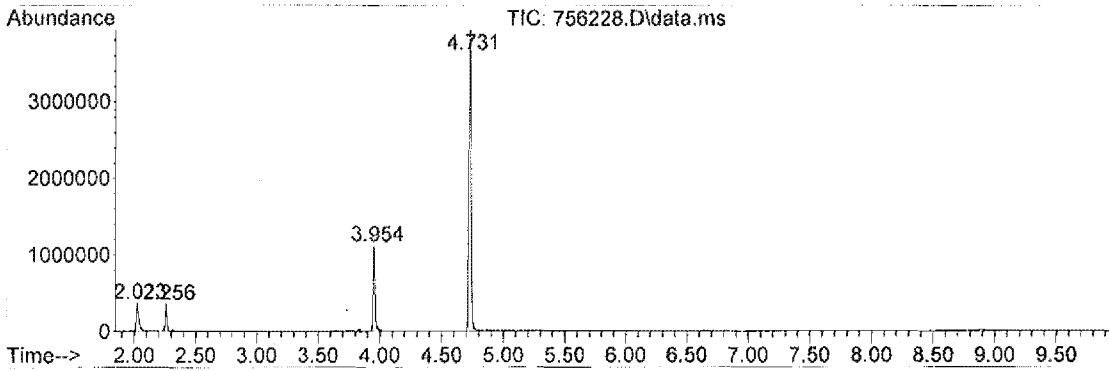
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_19_10\756228.D
 Operator : ASD/KAC
 Date Acquired : 19 Nov 2010 18:59
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 28
 AcquisitionMeth: DRUGS
 Integrator : RTE



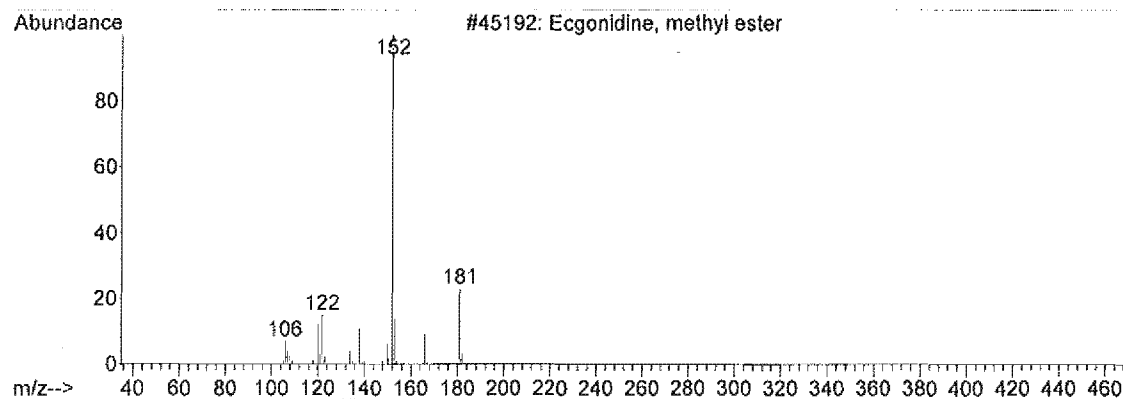
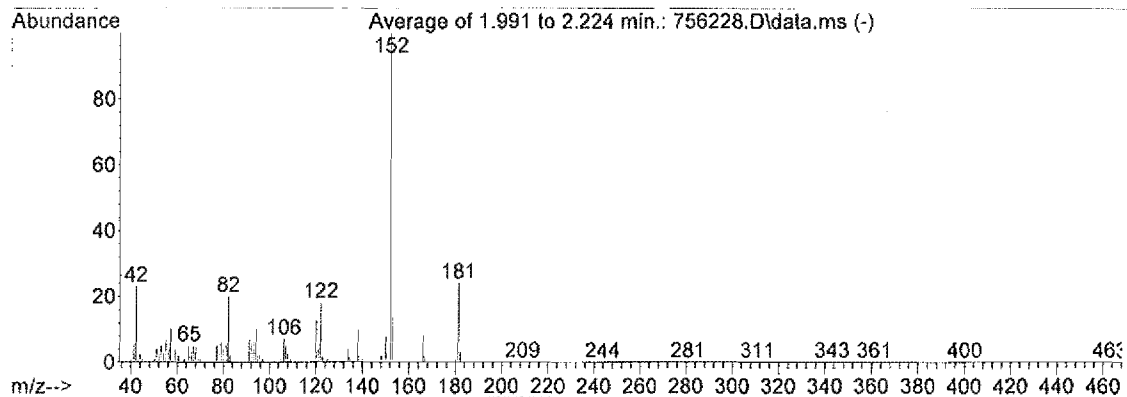
Ret. Time	Area	Area %	Ratio %
2.023	549243	7.77	11.17
2.256	337962	4.78	6.87
3.954	1260138	17.84	25.63
4.731	4917115	69.60	100.00

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_19_10\756228.D
Operator : ASD/KAC
Date Acquired : 19 Nov 2010 18:59
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 28
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.02	C:\Database\NIST08.L		
		Ecgonidine, methyl ester	127379-24-2	98
		2-Carbomethoxy-8-methyl-8-azabicycl	043021-26-7	95
		1-Cyclohexyl-2-ethylpyrrolidine	051503-12-9	47

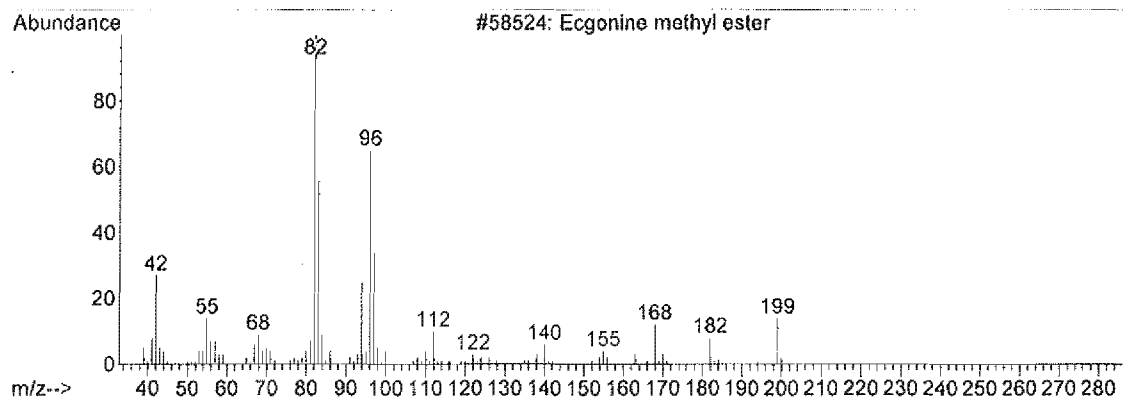
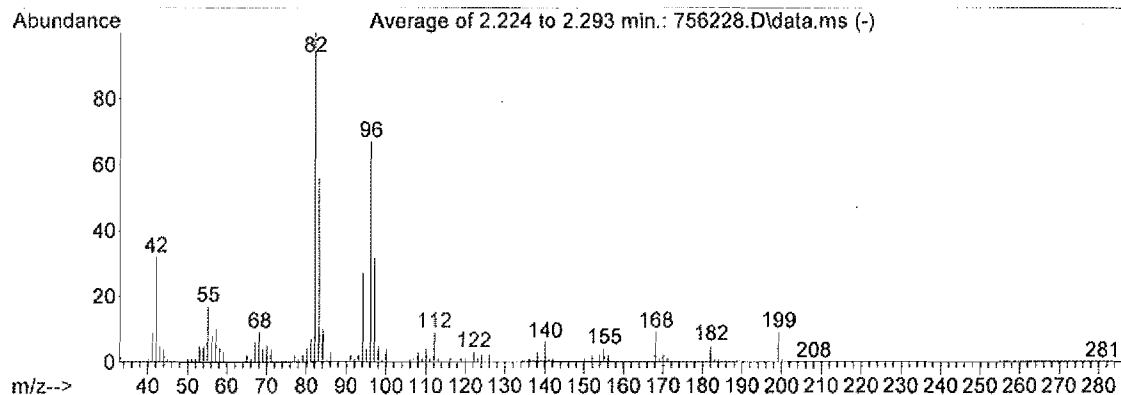


Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_19_10\756228.D
Operator : ASD/KAC
Date Acquired : 19 Nov 2010 18:59
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 28
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.26	C:\Database\NIST08.L		
		Ecgonine methyl ester	106293-60-1	98
		Ecgonine methyl ester	106293-60-1	98
		Ecgonine methyl ester	106293-60-1	95

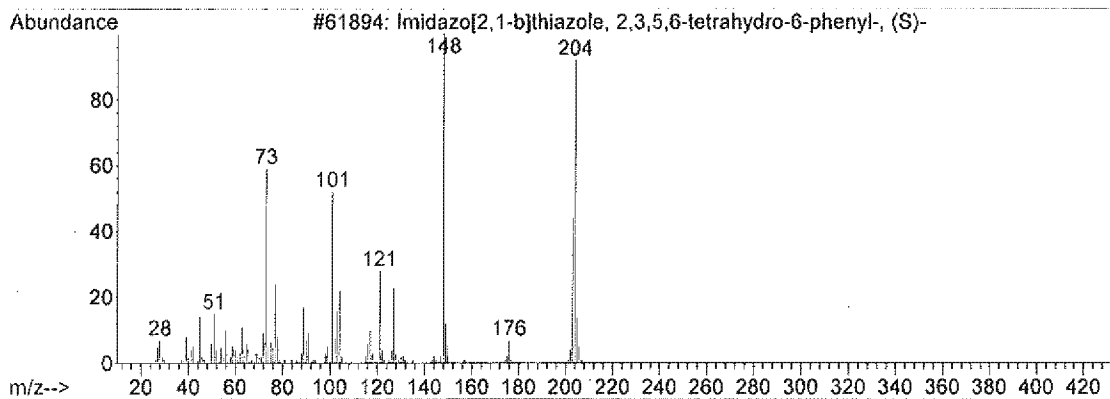
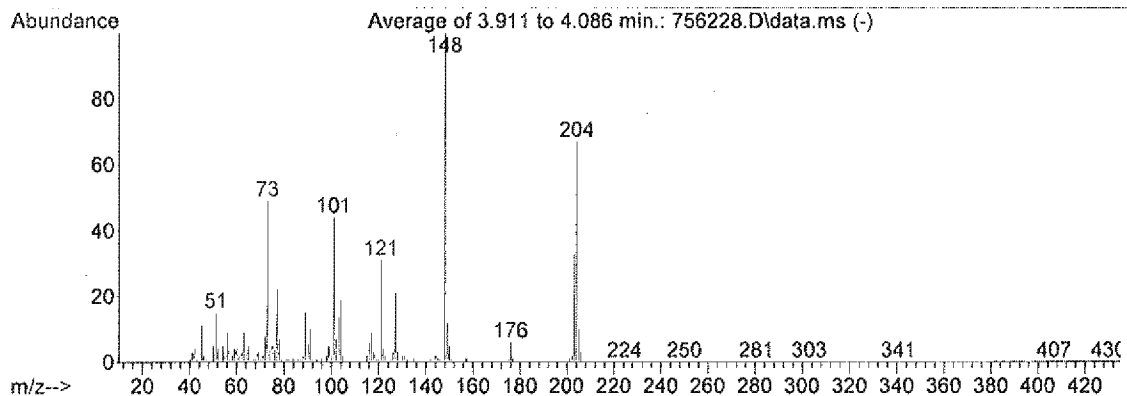


Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_19_10\756228.D
Operator : ASD/KAC
Date Acquired : 19 Nov 2010 18:59
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 28
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	3.95	C:\Database\NIST08.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	99
		Levamisole	006649-23-6	99
		Levamisole	006649-23-6	98



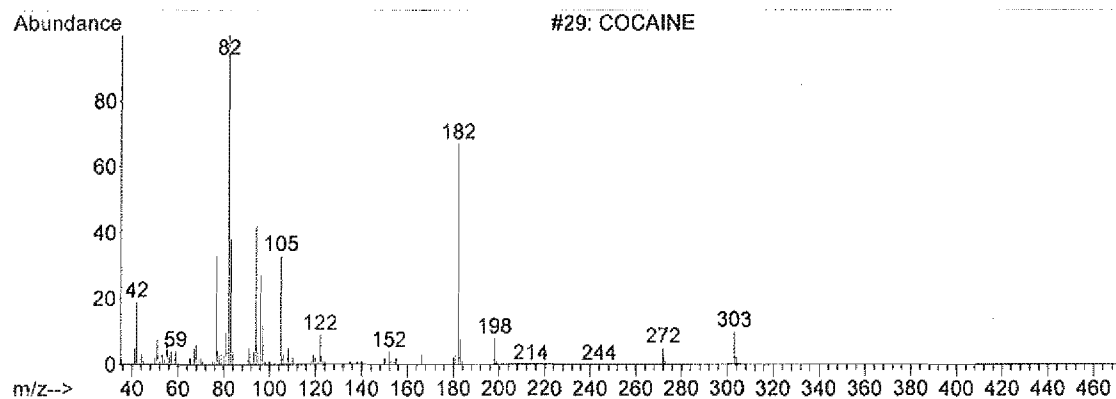
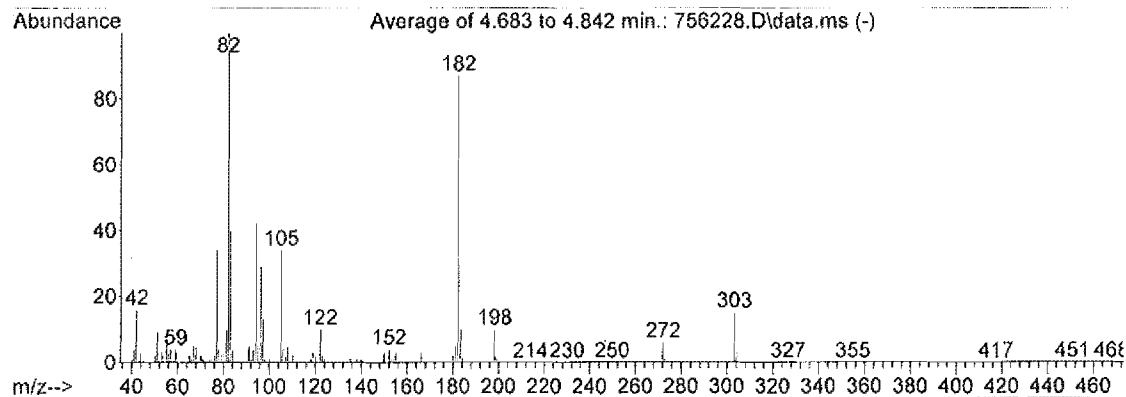
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_19_10\756228.D
Operator : ASD/KAC
Date Acquired : 19 Nov 2010 18:59
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 28
AcquisitionMeth: DRUGS
Integrator : RTE

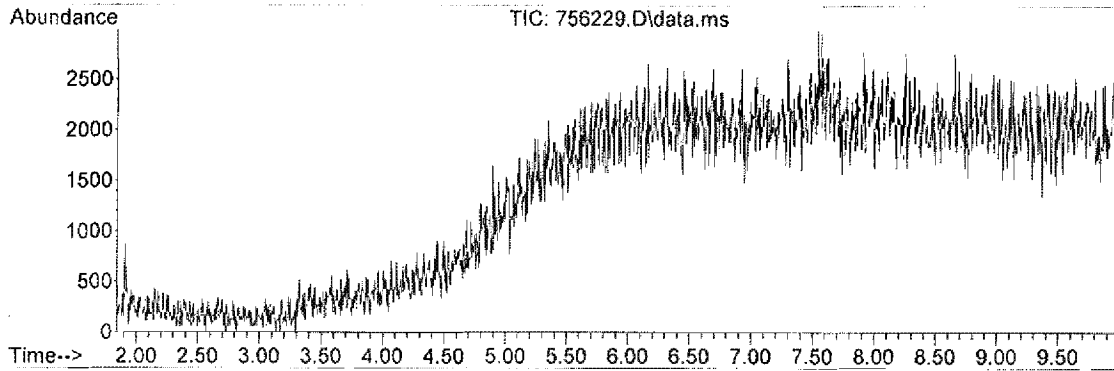
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	4.73	C:\Database\SLI.L COCAINE	000050-36-2	99



Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_19_10\756229.D
Operator : ASD/KAC
Date Acquired : 19 Nov 2010 19:12
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



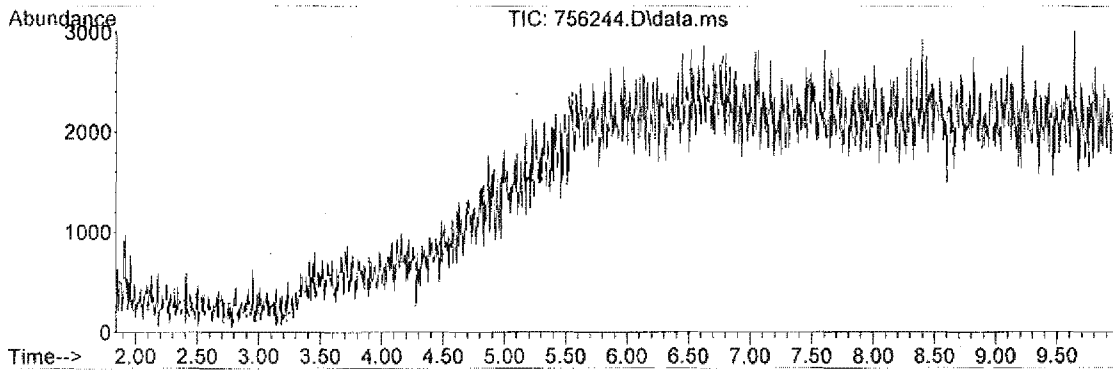
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_19_10\756244.D
Operator : ASD/KAC
Date Acquired : 19 Nov 2010 22:35
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE

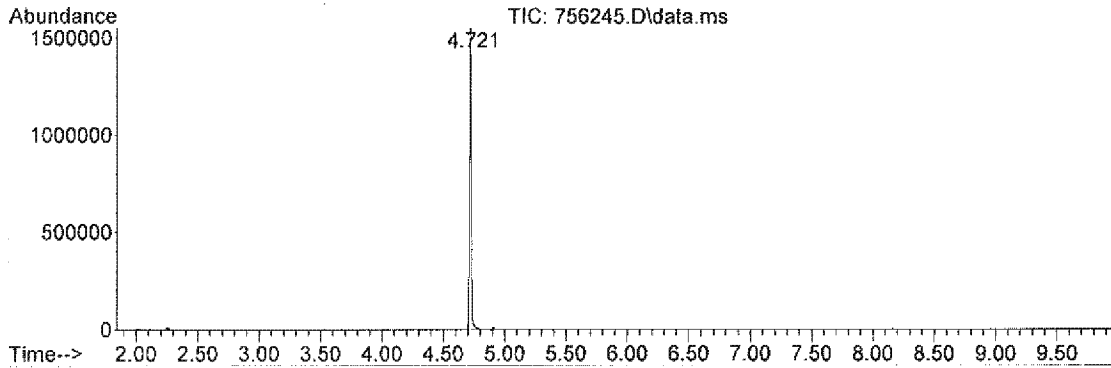


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_19_10\756245.D
Operator : ASD/KAC
Date Acquired : 19 Nov 2010 22:48
Sample Name : COCAINE STD
Submitted by : ASD
Vial Number : 45
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.721	1453571	100.00	100.00

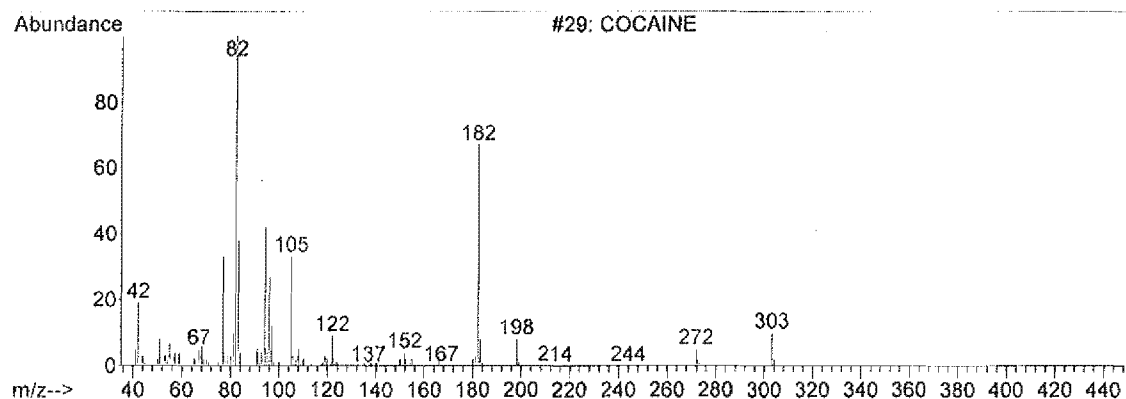
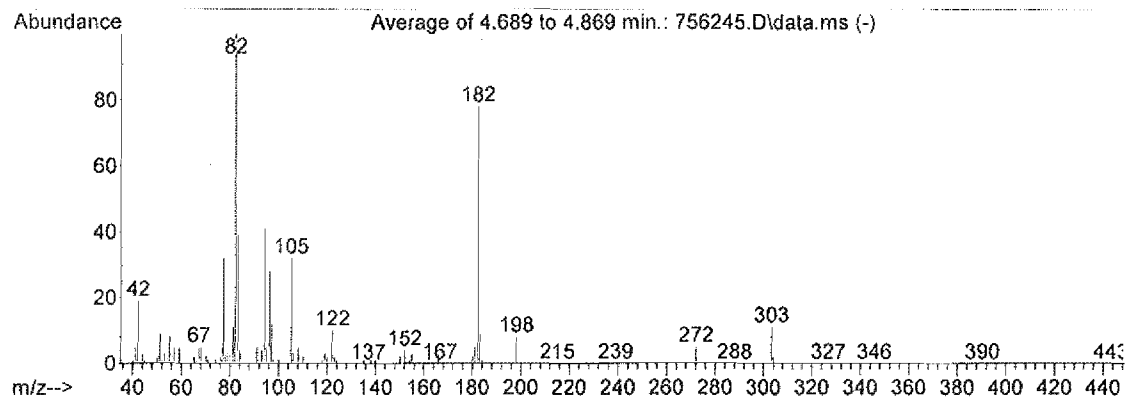
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_19_10\756245.D
Operator : ASD/KAC
Date Acquired : 19 Nov 2010 22:48
Sample Name : COCAINE STD
Submitted by : ASD
Vial Number : 45
AcquisitionMeth: DRUGS
Integrator : RTE

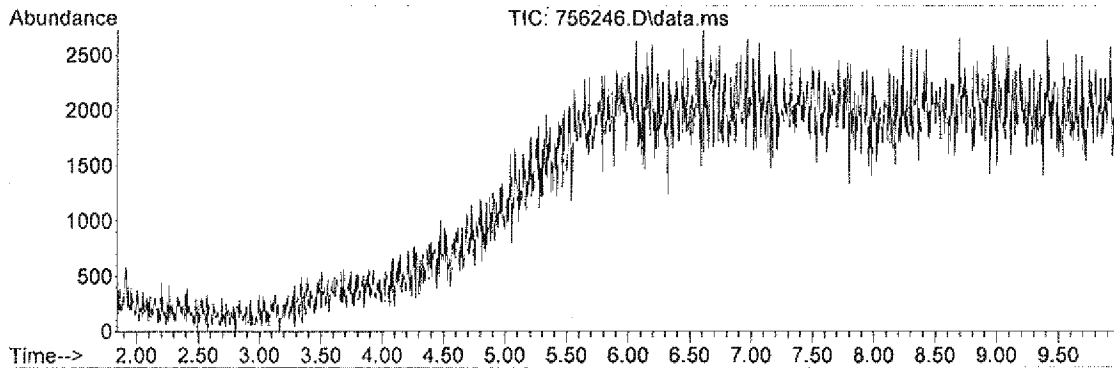
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.72	C:\Database\SLI.L COCAINE	000050-36-2	99



Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11_19_10\756246.D
Operator : ASD/KAC
Date Acquired : 19 Nov 2010 23:02
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



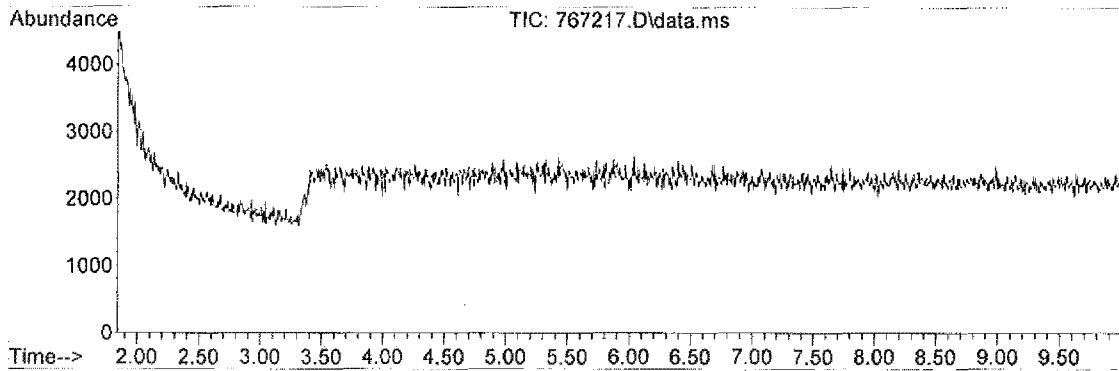
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System8\01_24_11\767217.D
Operator : ASD
Date Acquired : 24 Jan 2011 11:33
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



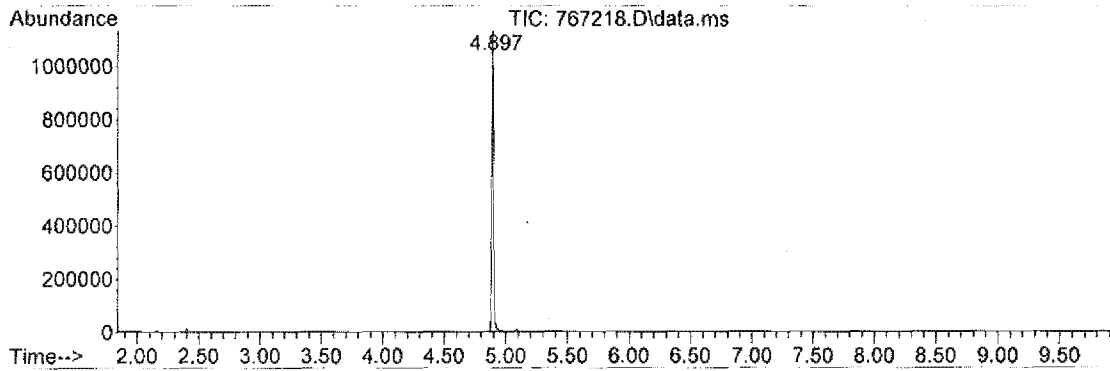
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System8\01_24_11\767218.D
 Operator : ASD
 Date Acquired : 24 Jan 2011 11:46
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 5
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.897	1166117	100.00	100.00

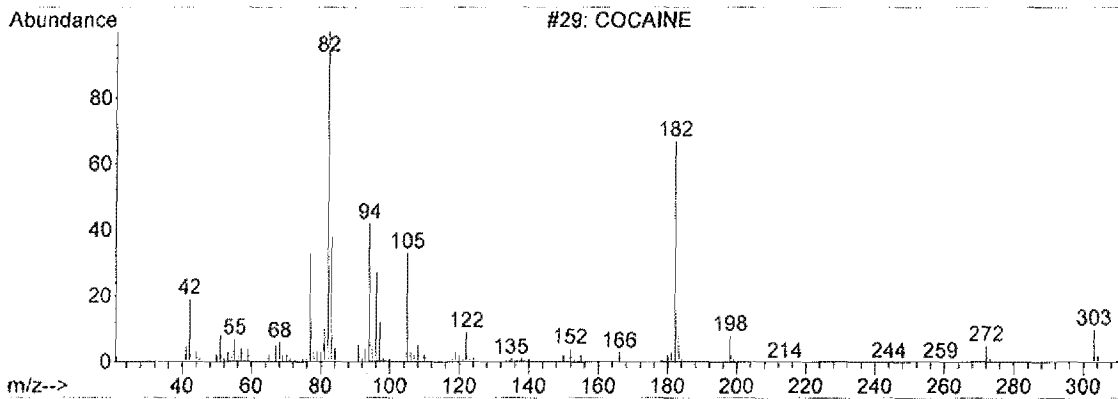
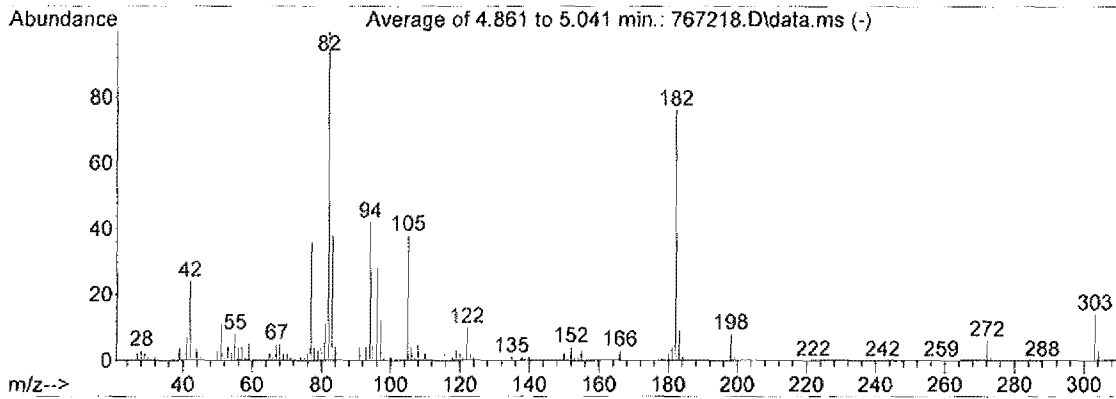
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System8\01_24_11\767218.D
 Operator : ASD
 Date Acquired : 24 Jan 2011 11:46
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 5
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

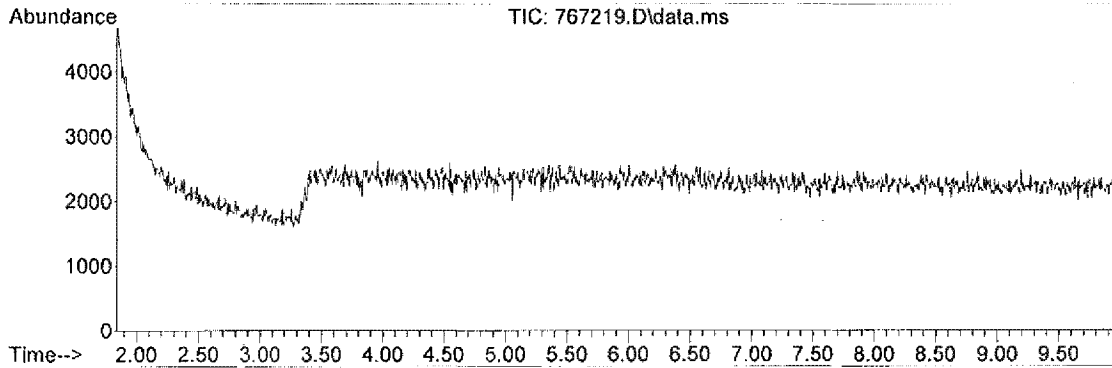
PK#	RT	Library/ID	CAS#	Qual
1	4.90	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System8\01_24_11\767219.D
Operator : ASD
Date Acquired : 24 Jan 2011 11:59
Sample Name : BLANK
Submitted by : DCS
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



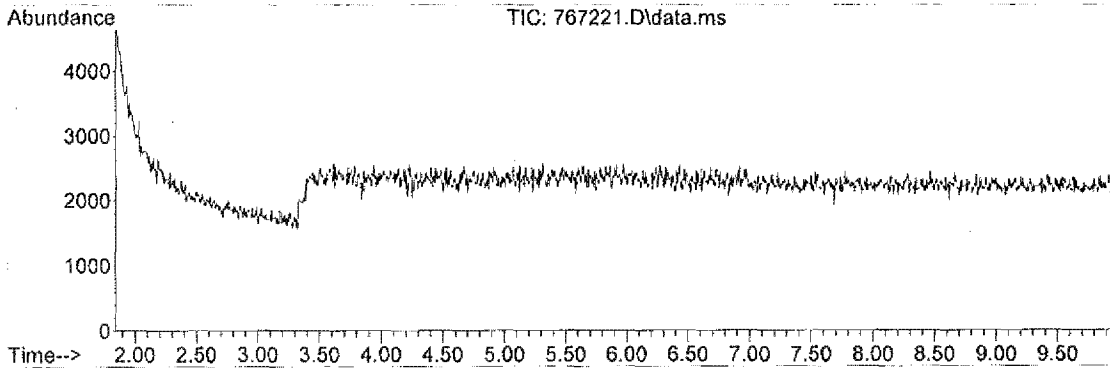
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System8\01_24_11\767221.D
Operator : ASD
Date Acquired : 24 Jan 2011 12:24
Sample Name : BLANK
Submitted by : DCS
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



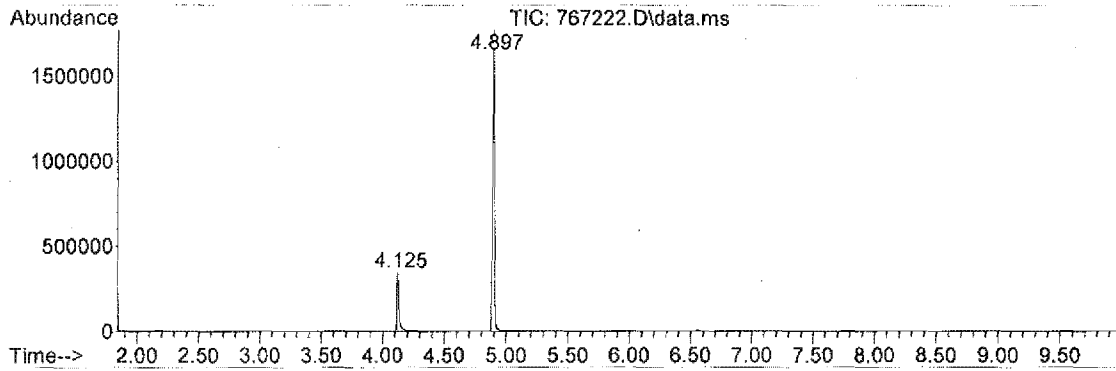
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System8\01_24_11\767222.D
 Operator : ASD
 Date Acquired : 24 Jan 2011 12:37
 Sample Name : XXXXXXXXXX
 Submitted by : DCS
 Vial Number : 22
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area. %	Ratio %
4.125	423599	18.79	23.14
4.897	1830442	81.21	100.00

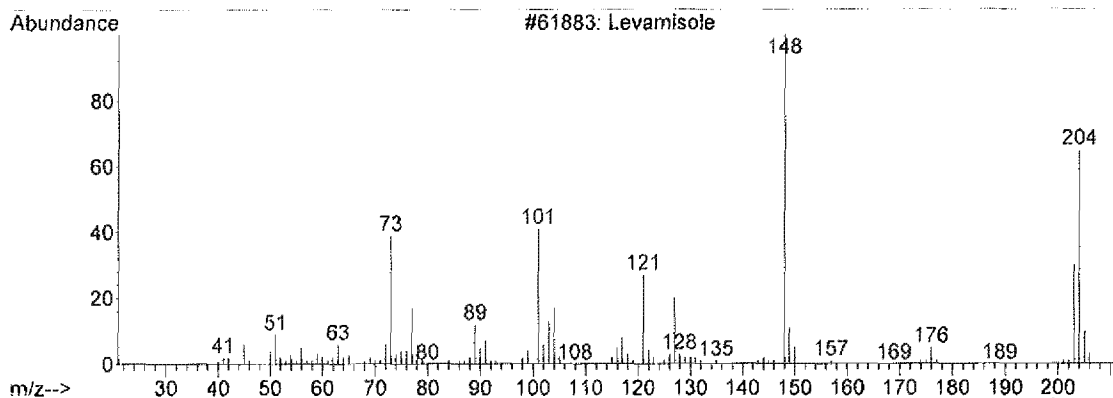
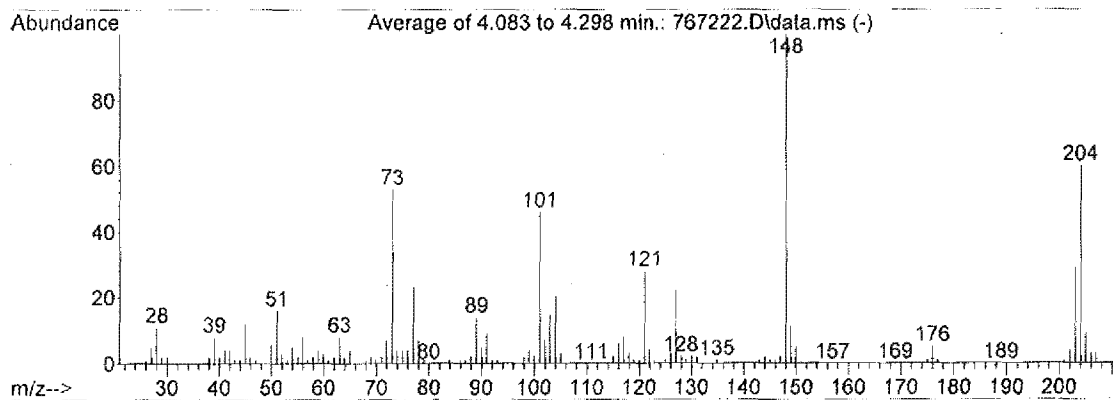
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System8\01_24_11\767222.D
 Operator : ASD
 Date Acquired : 24 Jan 2011 12:37
 Sample Name : XXXXXXXXXX
 Submitted by : DCS
 Vial Number : 22
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.12	C:\Database\NIST08.L		
		Levamisole	006649-23-6	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	99
		Levamisole	006649-23-6	98



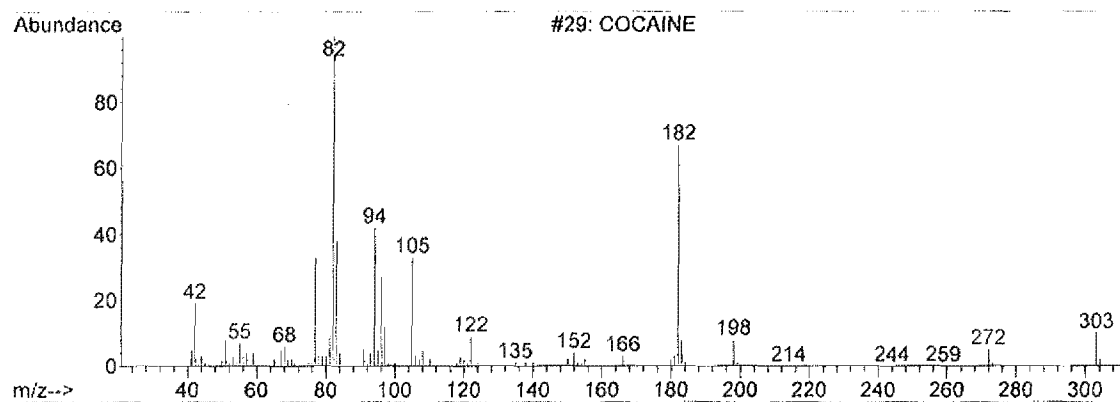
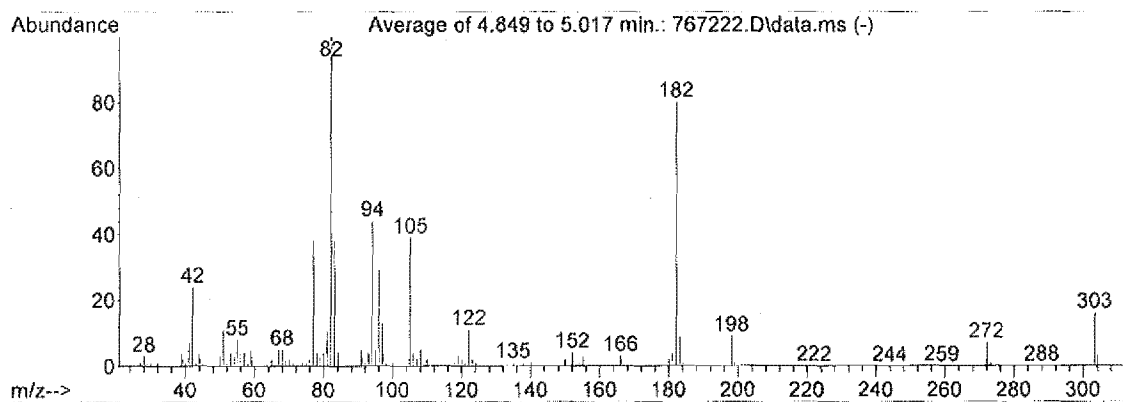
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System8\01_24_11\767222.D
Operator : ASD
Date Acquired : 24 Jan 2011 12:37
Sample Name : XXXXXXXXXX
Submitted by : DCS
Vial Number : 22
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

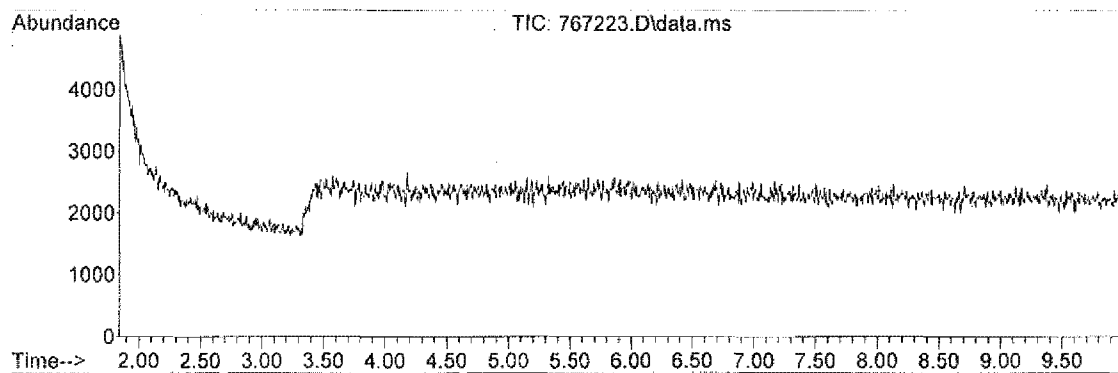
PK#	RT	Library/ID	CAS#	Qual
2	4.90	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System8\01_24_11\767223.D
 Operator : ASD
 Date Acquired : 24 Jan 2011 12:50
 Sample Name : BLANK
 Submitted by : DCS
 Vial Number : 1
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



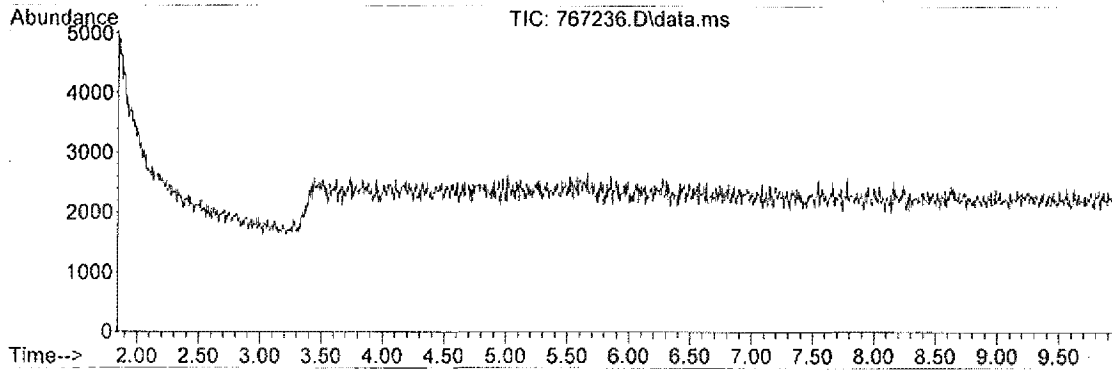
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System8\01_24_11\767236.D
Operator : ASD
Date Acquired : 24 Jan 2011 15:37
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



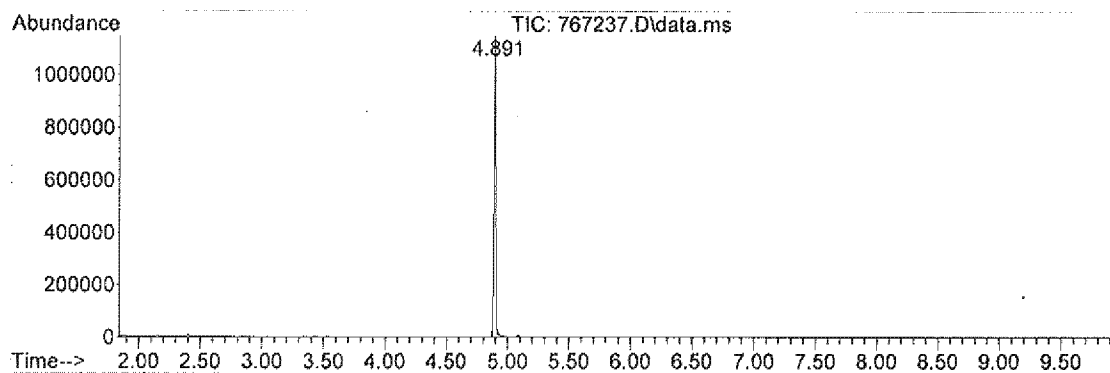
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System8\01_24_11\767237.D
 Operator : ASD
 Date Acquired : 24 Jan 2011 15:49
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 5
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.891	1156533	100.00	100.00

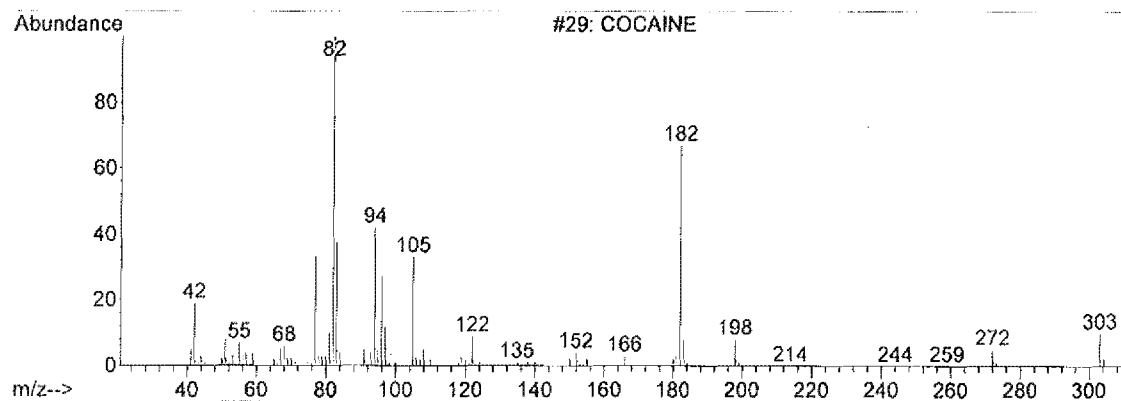
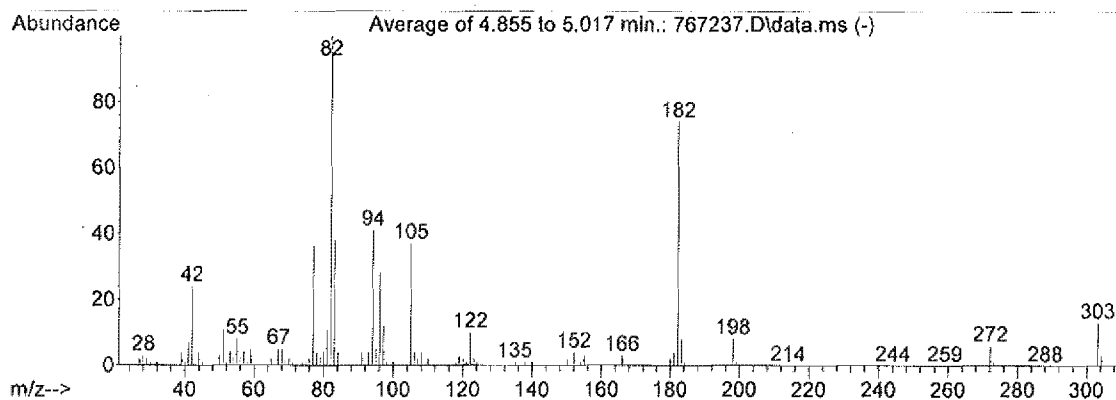
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System8\01_24_11\767237.D
 Operator : ASD
 Date Acquired : 24 Jan 2011 15:49
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 5
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

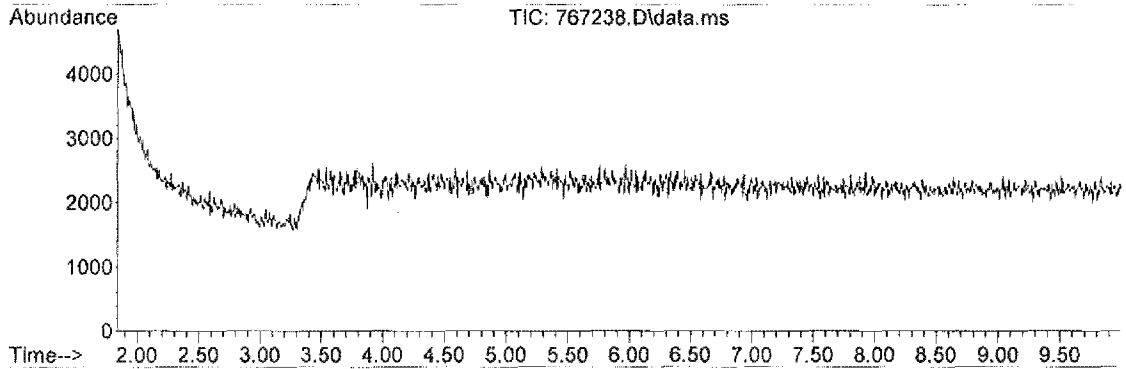
PK#	RT	Library/ID	CAS#	Qual
1	4.89	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\System8\01_24_11\767238.D
Operator : ASD
Date Acquired : 24 Jan 2011 16:01
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS